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REPORT
Statistical

national
machine
tool builders'
association
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REPORT NO. 175-86
December 5, 1986

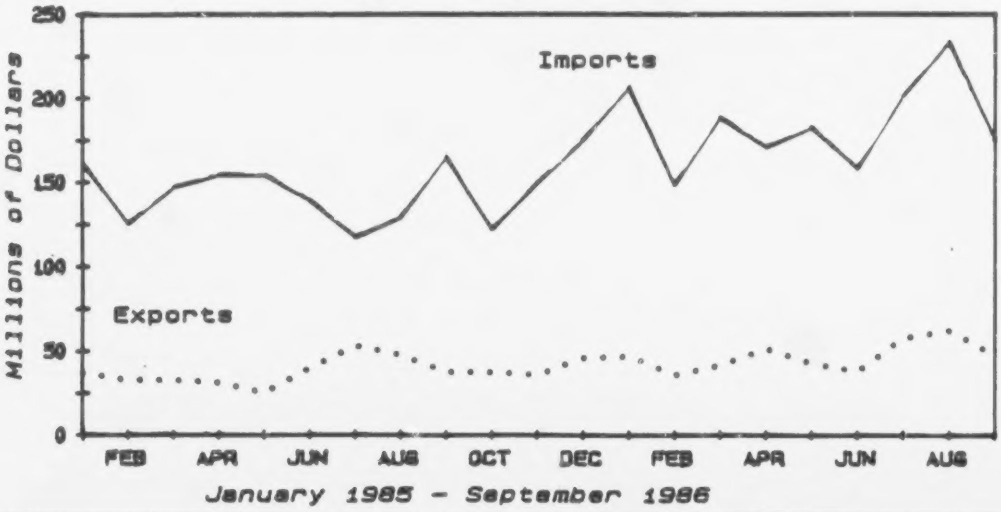
U.S. FOREIGN TRADE IN MACHINE TOOLS
September 1986

During the third quarter of 1986 U.S. foreign trade in machine tools produced a trade deficit of $442.6 million, up 16% from the $380.0 million deficit recorded during the second quarter of 1986. U.S. imports of $610.2 million were 19% above the second quarter total, while U.S. exports rose 28% above last quarter's level. Compared to the first nine months of 1985, U.S. machine tool exports rose 26% as imports increased 29%. The resulting year-to-date trade deficit of $1,242.2 million is 30% higher than the comparable 1985 deficit of $958.5.

U.S. Machine Tool Trade
($Millions)

	Third Quarter 1986			Nine Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$102.4	$434.6	($332.2)	$262.8	$1,247.9	($ 985.1)
Metal Forming	$ 65.2	$175.6	($110.4)	$159.2	$ 416.3	($ 257.1)
Total	$167.6	$610.2	($442.6)	$422.0	$1,664.2	($1,242.2)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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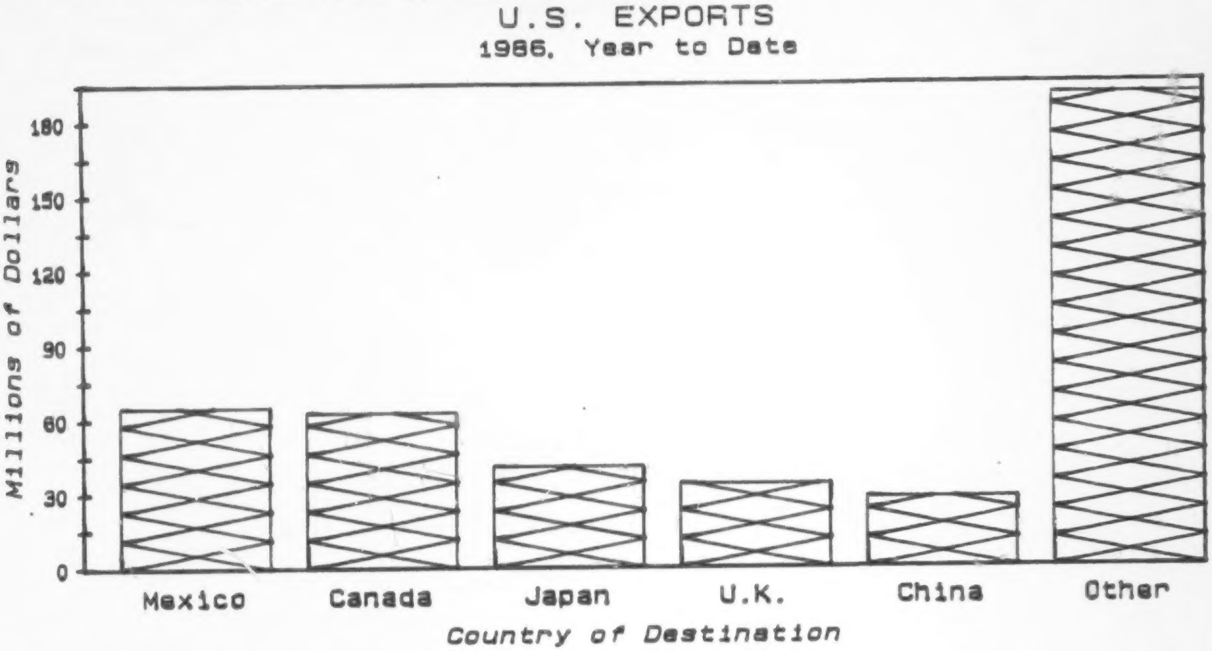
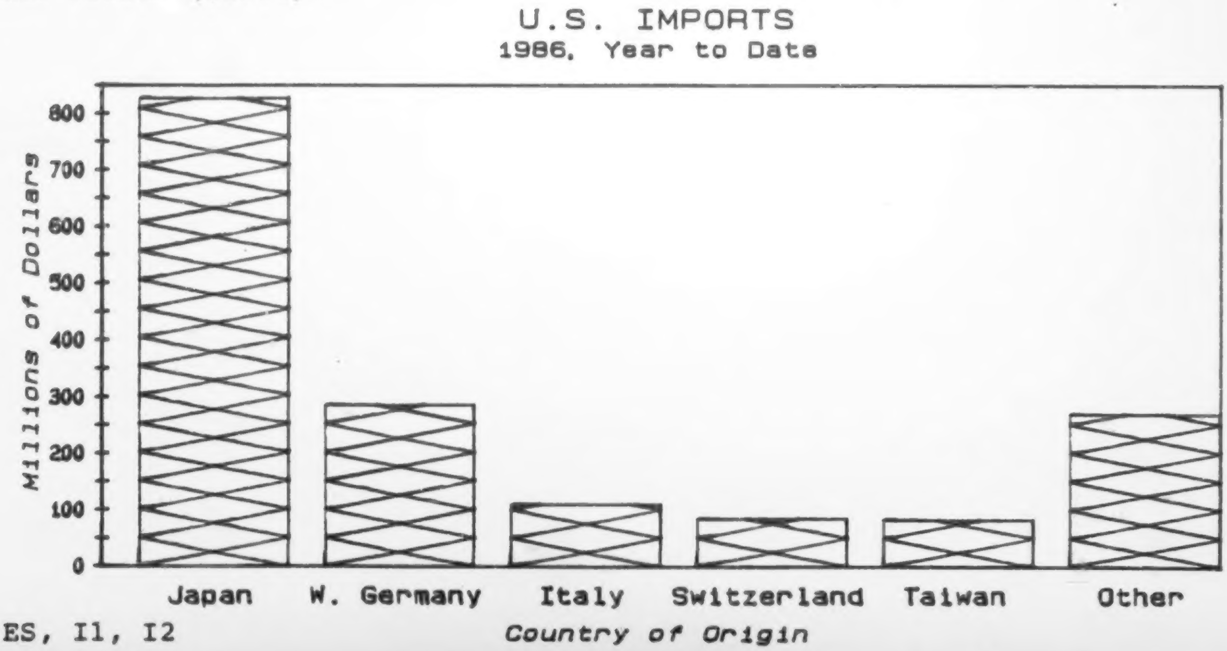
U.S. Exports of both metal cutting and metal forming machine tools rose during the third quarter of 1986. Metal forming exports increased 37% from second quarter levels, while metal cutting exports were up 22%. Compared to the first nine months of 1985, U.S. exports of metal cutting machinery rose 26%. Metal forming exports gained 27%. For January through September 1986, the leading export markets were (in millions): Mexico ($65.3), Canada ($62.9), Japan ($41.1), the United Kingdom ($33.9) and China ($28.2)



Compared to the second quarter of 1986, U.S. Imports of metal cutting and metal forming machine tools rose by 16% and 29%, respectively. The year-to-date import total for metal cutting machines rose 20% above the first nine months of 1985 while metal forming imports were up 65%. The leading sources of machine tool imports to the U.S. during the first nine months of 1986 were (in millions): Japan ($827.2), West Germany ($286.8), Italy ($110.8), Switzerland ($84.9) and Taiwan ($83.1).



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

RELEASED: DECEMBER 5, 1986

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
674:	METAL CUTTING				
3025	Gear Hobbers	70	8657	4	463
3035	Gear Shapers	4	668	0	0
3045	Gear Cutting Machines, N.E.C.	18	2838	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1734	133523	134	10767
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	276	25808	26	2128
3409	Horizontal Machining Centers, ATC, NC	482	60865	45	4060
3411	Machining Centers, NC, N.E.C.	596	49902	48	3529
3412	Single Station and Multi-Station Transfer Machines	83	29533	14	1931
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	972	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	36	6765	1	189
3419	Vertical Boring-Drilling-Milling Machines, NC	173	14071	13	1105
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	21	1656	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	58	2461	12	410
3328	Drilling Machines, NC	112	8963	8	591
3329	Drilling Machines, Multi-Spindle, Non-NC	34	2508	2	205
3334	Drilling Machines, Radial, Non-NC	208	1687	9	49
3336	Drilling Machines, Upright, Single Spindle, Non-NC	71	478	4	12
3342	Drilling Machines, Non-NC, N.E.C.	510	17173	32	2387
3464	Milling Machines, NC	612	46208	110	5626
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	21	1203	3	259
3467	Milling Machines, Knee Type, Non-NC	2829	16073	336	1967
3468	Milling Machines, Bed Type, Non-NC	228	4587	13	659
3469	Milling Machines, Non-NC, N.E.C.	1319	19549	154	2423
3476	Vertical Boring Machines, Incl. VTL's, NC	67	9749	11	957
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	104	3316	10	77
3481	Boring Machines, NC, N.E.C.	18	9820	1	51
3483	Boring Machines, Non-NC N.E.C.	459	53476	30	311
3504	Horizontal Lathes, Multi-Spindle, NC	35	3818	1	222
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2865	111755	352	11719
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	710	48361	32	2117
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	239	16169	32	3488
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3104	25691	308	3062
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	91	3026	7	266
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	118	10668	8	647
3515	Automatic Bar Machines, Single Spindle, Non-NC	39	846	0	0
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	16	2515	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	195	8418	39	607
3505	Vertical Lathes, Multi-Spindle, NC	96	8957	8	682
3519	Vertical Lathes, NSPF, NC	367	23750	27	867
3522	Vertical Lathes, Excl. VTL's, Non-NC	1288	26884	103	1789
3527	Gear Tooth Grinding & Finishing Machines	397	13240	13	1421
3528	Tool & Cutter Grinding Machines, NC	70	3303	4	105
3529	Tool & Cutter Grinding Machines, Non-NC	1044	17227	96	2417
3533	Honing & Lapping Machines	177	10790	16	763
3539	Grinding Machines, Flat Surface, NC	43	6693	6	880
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	369	5510	28	319
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1134	22331	150	1967
3546	Grinding & Polishing Machines, NC, N.E.C.	97	10027	7	609
3554	External Grinding Machines, Non-NC	747	15599	13	2144
3556	Internal Grinding Machines, Non-NC	80	4155	10	219
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	7392	5	153
3559	Grinding Machines, Non-NC, N.E.C.	1391	47391	85	3270
3562	Traveling Wire Electrical Discharge Machines	591	43953	44	2357
3564	All Other Electrical Discharge Machines	429	19562	27	1629
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	54	4003	1	84
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	179	3371	4	273
3576	Metal Cutting Machines Tools, NC, N.E.C.	110	49715	28	31946
3577	Sawing & Cut-Off Machines, Non-NC	1468	21191	116	2461
3578	Broaching Machines, Non-NC	63	1681	46	242
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	825	20795	134	3301
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5139	20877	1329	2677
5000	Metal Cutting Machine Tools, Less Than $2500**	542190	75663	118458	9647
	TOTAL CUTTING			122557	134513
	TOTAL CUTTING YTD	576068	1247931		
674:	METAL FORMING				
1010	Die Casting Machines	629	26356	34	549
3582	Metal Forming Machine Tools, Used or Rebuilt	314	5322	35	1032
3583	Metal Forming Machine Tools, Less Than $2500	18350	7612	1092	626
3584	Punching and Shearing Machines, Incl. Combination, NC	391	45032	69	8020
3586	Shearing Machines, Non-NC	871	16933	38	592
3587	Punching & Combination Punching & Shearing Machines, Non-NC	607	10692	44	504
3588	Bending, Folding, Straightening & Flattening Machines, NC	298	28260	22	1300
3589	Press Brakes, Non-NC	904	24824	92	2258
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	160	2401	11	276
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1001	29227	92	6869
3593	Metal Forming Machine Tools, NC, N.E.C	37	3051	2	888
3594	Mechanical Presses, Non-NC	259	22612	29	2105
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	73	7221	1	9
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	842	103828	48	9422
3597	Headers & Upsetters, Non-NC	97	7310	3	266
3598	Forging Machines, Non-NC, N.E.C.	114	5095	4	262
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1693	70464	122	5631
	TOTAL FORMING			1738	40611
	TOTAL FORMING YTD	26640	416273		
	TOTAL ALL TYPES			124295	175124
	TOTAL ALL TYPES YTD	602708	1664204		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	4	127	0	0	0	0	0	0
3412	0	0	0	0	0	0	2	193	1	180
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	5	175	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	3	676	2	123
3464	0	0	0	0	0	0	0	0	12	565
3466	0	0	0	0	0	0	0	0	1	241
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	8	57	0	0	0	0	0	0	2	72
3476	0	0	0	0	0	0	11	957	0	0
3477	0	0	0	0	0	0	0	0	10	77
3481	0	0	0	0	0	0	0	0	1	51
3483	0	0	0	0	3	40	0	0	23	217
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	3	85
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	30	234
3505	0	0	0	0	0	0	0	0	0	0
3519	16	87	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	15	105	3	10
3527	0	0	1	27	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	4	105
3529	0	0	0	0	0	0	0	0	14	137
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	27	299
3543	0	0	0	0	5	40	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	11	421	0	0	10	475
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	19	248
3578	0	0	0	0	0	0	0	0	1	83
3579	3	16	0	0	3	129	1	43	5	28
4000	6	18	21	95	2	11	642	550	2	23
5000	319	72	34	53	36	18	7	10	893	165
CUT MO.	352	250	60	302	65	833	681	2536	1063	3415
CUT YTD	3177	5041	606	2478	550	1849	4671	19313	7258	81113
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	16	745
3583	2	2	10	7	0	0	16	9	91	56
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	20	0	0	4	54	8	127
3587	0	0	0	0	0	0	5	13	21	198
3588	0	0	0	0	0	0	0	0	12	624
3589	0	0	12	270	0	0	0	0	3	62
3591	0	0	0	0	0	0	0	0	1	35
3592	0	0	3	13	0	0	1	20	14	378
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	7	185
3595	0	0	0	0	0	0	0	0	1	9
3596	0	0	0	0	0	0	2	1849	2	2976
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	43	2	80	20	565
FRM MO.	2	2	26	311	1	43	30	2025	196	5958
FRM YTD	312	875	498	7589	101	1399	753	7831	2941	29637
TOT MO.	354	251	86	613	66	876	711	4561	1259	9373
TOT YTD	3489	5917	1104	10067	651	3248	5424	27144	10199	110750

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	138
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	6	1020
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	8	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	24	0	0	0	0	0	0	2	709
3464	0	0	0	0	10	133	1	18	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	148	963	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	5	99	1	93	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	3	174	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	8
3505	0	0	0	0	0	0	0	0	1	177
3519	0	0	0	0	0	0	2	325	0	0
3522	0	0	0	0	1	14	0	0	1	38
3527	0	0	0	0	0	0	1	137	5	928
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	7	95
3533	0	0	0	0	0	0	0	0	1	149
3539	1	580	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	3	159	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	64
3554	0	0	0	0	0	0	0	0	7	715
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	122
3559	0	0	0	0	0	0	0	0	2	21
3562	0	0	0	0	0	0	0	0	13	1132
3564	0	0	0	0	0	0	0	0	2	144
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	113
3577	3	10	0	0	1	3	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	4	83	0	0	1	11	2	281
4000	2	35	0	0	5	6	0	0	6	28
5000	34	53	0	0	0	0	122	116	408	119
CUT MO.	41	702	4	83	177	1559	128	699	469	6001
CUT YTD	1237	15260	285	634	2053	15365	2245	7716	2718	70707
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	17	0	0
3583	0	0	0	0	0	0	20	2	7	1
3584	0	0	0	0	0	0	0	0	7	392
3586	0	0	0	0	0	0	0	0	0	0
3587	0	0	0	0	0	0	2	31	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	96	0	0
3592	2	38	0	0	0	0	4	34	1	361
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	1571	4	430
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	7	1	18	4	262
FRM MO.	2	38	0	0	1	7	35	1769	23	1446
FRM YTD	491	2011	78	1465	348	2978	508	8904	818	14231
TOT MO.	43	740	4	83	178	1566	163	2468	492	7447
TOT YTD	1728	17271	363	2099	2401	18343	2753	16620	3536	84938

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	279	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	4	353	0	0	0	0	0	0	0	0
3406	1	74	0	0	0	0	0	0	0	0
3409	10	502	0	0	0	0	0	0	0	0
3411	0	0	6	835	0	0	3	143	0	0
3412	1	88	1	164	0	0	3	285	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	13	1105	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	2	149	0	0	0	0	0	0
3328	0	0	2	292	0	0	0	0	0	0
3329	0	0	1	164	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	4	190	3	572	0	0	2	18	0	0
3464	24	684	6	431	0	0	0	0	0	0
3466	0	0	1	9	0	0	0	0	0	0
3467	33	390	0	0	0	0	0	0	0	0
3468	6	89	2	415	0	0	0	0	0	0
3469	0	0	2	1102	0	0	1	4	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	1	222	0	0	0	0	0	0
3506	33	329	4	859	0	0	0	0	0	0
3508	0	0	1	466	0	0	0	0	0	0
3510	0	0	3	1242	0	0	1	290	0	0
3512	61	726	0	0	0	0	1	31	22	197
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	20	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	9	35	3	341	0	0	5	85	12	67
3527	0	0	1	140	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	2	56	33	1542	0	0	2	31	0	0
3533	7	338	2	261	0	0	0	0	0	0
3539	3	254	1	25	0	0	1	22	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	282	1	100	10	41	2	14	0	0
3546	1	104	4	428	0	0	0	0	0	0
3554	0	0	4	1369	0	0	0	0	0	0
3556	0	0	1	170	0	0	0	0	0	0
3558	1	13	0	0	0	0	0	0	0	0
3559	15	632	21	1369	0	0	1	6	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	1	180	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	2	28	1	30	0	0	0	0	0	0
3576	0	0	1	104	0	0	0	0	0	0
3577	14	58	14	1025	0	0	10	88	0	0
3578	0	0	45	158	0	0	0	0	0	0
3579	4	359	18	737	0	0	25	411	0	0
4000	61	229	19	195	0	0	28	237	0	0
5000	506	142	21614	1330	0	0	552	312	0	0
CUT MO.	805	5975	21834	17805	10	41	637	1977	34	263
CUT YTD	8527	59532	117332	216442	522	3726	5728	17878	786	3500
1010	0	0	0	0	0	0	25	280	0	0
3582	1	35	2	10	0	0	2	57	0	0
3583	7	7	86	128	0	0	126	48	0	0
3584	0	0	1	189	0	0	0	0	0	0
3586	10	30	1	6	0	0	6	120	0	0
3587	1	112	12	33	0	0	2	57	0	0
3588	0	0	0	0	0	0	5	40	0	0
3589	0	0	0	0	0	0	10	208	0	0
3591	1	4	0	0	0	0	1	50	0	0
3592	5	400	18	2198	0	0	28	305	0	0
3593	0	0	2	888	0	0	0	0	0	0
3594	0	0	5	228	0	0	4	38	1	1174
3595	0	0	0	0	0	0	0	0	0	0
3596	2	196	10	1082	0	0	3	595	0	0
3597	0	0	2	222	0	0	0	0	0	0
3598	0	0	1	86	0	0	0	0	0	0
3599	7	1054	37	2231	0	0	39	824	0	0
FRM MO.	34	1837	177	7299	0	0	251	2631	1	1174
FRM YTD	831	18668	4524	70399	3	299	1644	23117	33	13499
TOT MO.	839	7812	22011	25105	10	41	888	4608	35	1437
TOT YTD	9358	78200	121856	286841	525	4025	7372	40995	819	17000

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	121	10081	0	0	1	53
3406	0	0	0	0	19	1753	0	0	0	0
3409	0	0	0	0	30	3282	0	0	0	0
3411	0	0	0	0	17	1815	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	189	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	42	0	0	0	0
3328	0	0	0	0	6	299	0	0	0	0
3329	0	0	0	0	1	41	0	0	0	0
3334	1	3	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	10	0	0	0	0
3464	0	0	0	0	13	3204	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	1	26	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	10	42	0	0	4	363	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	3	52	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	248	9732	12	471	0	0
3508	0	0	0	0	31	1651	0	0	0	0
3510	0	0	0	0	28	1956	0	0	0	0
3512	1	12	0	0	9	708	1	20	35	306
3513	0	0	0	0	1	72	0	0	0	0
3514	0	0	0	0	8	647	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	4	275	2	71	0	0
3505	0	0	0	0	7	504	0	0	0	0
3519	0	0	0	0	6	334	0	0	0	0
3522	1	42	1	14	18	815	1	5	0	0
3527	0	0	0	0	4	186	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529.	0	0	0	0	20	418	0	0	1	7
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	1	20	0	0	0	0
3543	0	0	0	0	28	927	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	2	60	0	0	0	0
3556	0	0	0	0	0	0	8	44	0	0
3558	0	0	0	0	0	0	3	19	0	0
3559	0	0	0	0	4	241	9	34	0	0
3562	0	0	0	0	30	1216	0	0	0	0
3564	0	0	0	0	19	1252	0	0	0	0
3567	0	0	0	0	1	84	0	0	0	0
3571	0	0	0	0	1	215	0	0	0	0
3576	0	0	0	0	25	31728	0	0	0	0
3577	0	0	4	288	22	649	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	67	1199	0	0	0	0
4000	0	0	0	0	38	462	0	0	0	0
5000	194	96	0	0	17775	2951	2	4	60	56
CUT MO.	207	193	5	302	18615	79458	38	669	97	423
CUT YTD	607	2487	179	1487	124316	623221	703	7880	592	5037
1010	0	0	0	0	1	5	0	0	0	0
3582	0	0	0	0	8	143	0	0	0	0
3583	5	1	0	0	157	150	0	0	5	10
3584	0	0	0	0	61	7439	0	0	0	0
3586	0	0	0	0	8	236	0	0	0	0
3587	0	0	0	0	1	60	0	0	0	0
3588	0	0	0	0	5	637	0	0	0	0
3589	0	0	0	0	65	1692	0	0	0	0
3591	0	0	0	0	2	76	0	0	0	0
3592	0	0	0	0	11	3078	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	10	465	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	21	707	0	0	0	0
3597	0	0	0	0	1	44	0	0	0	0
3598	0	0	0	0	1	166	0	0	0	0
3599	0	0	0	0	8	495	0	0	0	0
FRM MO.	5	1	0	0	360	15392	0	0	5	10
FRM YTD	16	3	37	775	5809	203992	2	46	50	444
TOT MO.	212	194	5	302	18975	94850	38	669	102	433
TOT YTD	623	2490	216	2263	130125	827213	705	7926	642	5481

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	46
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	8	279	0	0	0	0
3406	6	302	0	0	0	0
3409	5	276	0	0	0	0
3411	18	610	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	3	36
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	7	31	0	0	1	15
3336	4	12	0	0	0	0
3342	4	23	0	0	10	42
3464	44	592	0	0	0	0
3466	1	9	0	0	0	0
3467	154	587	0	0	0	0
3468	5	155	0	0	0	0
3469	121	593	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	3
3504	0	0	0	0	0	0
3506	52	297	3	32	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	172	803	0	0	0	0
3513	6	194	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	3	121	0	0	0	0
3522	17	103	0	0	16	116
3527	1	3	0	0	0	0
3528	0	0	0	0	0	0
3529	15	105	0	0	2	26
3533	6	16	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	99	393	0	0	1	12
3546	0	0	0	0	1	14
3554	0	0	0	0	0	0
3556	1	4	0	0	0	0
3558	0	0	0	0	0	0
3559	12	73	0	0	0	0
3562	1	9	0	0	0	0
3564	5	53	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	29	92	0	0	0	0
3578	0	0	0	0	0	0
3579	1	6	0	0	0	0
4000	487	546	1	11	9	229
5000	75683	4049	0	0	219	101
CUT MO.	76967	10333	4	43	264	639
CUT YTD	289398	80704	509	651	2069	5806
1010	0	0	0	0	8	264
3582	1	6	0	0	4	19
3583	523	138	0	0	37	67
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	2	26	0	0	0	0
3591	1	5	0	0	0	0
3592	0	0	0	0	5	45
3593	0	0	0	0	0	0
3594	2	15	0	0	0	0
3595	0	0	0	0	0	0
3596	2	17	0	0	0	0
3597	0	0	0	0	0	0
3598	1	3	1	7	0	0
3599	1	9	0	0	1	45
FRM MO.	533	219	1	7	55	440
FRM YTD	6061	2347	17	273	765	5459
TOT MO.	77500	10552	5	50	319	1079
TOT YTD	295459	83051	526	923	2834	11265

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	16	0	0	2	16
EAST GERMANY	2	75	0	0	2	75
FINLAND	0	0	3	35	3	35
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	15	0	0	1	15
ICELAND	0	0	0	0	0	0
IRELAND	9	229	12	283	21	512
MALTA	0	0	0	0	0	0
NORWAY	4	18	0	0	4	18
POLAND	10	86	0	0	10	86
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	28	439	15	317	43	756
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	73	6	37	67	110	74
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	73	6	37	67	110	74
OTHER SOUTH AMERICA						
ARGENTINA	46	59	0	0	46	59
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	46	59	0	0	46	59
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	97	52	0	0	97	52
INDIA	6	30	0	0	6	30
INDONESIA	2	26	0	0	2	26
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	45	1	45
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	105	109	1	45	106	154
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	1	4	1	4
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	12	26	0	0	12	26
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	1	6	1	6
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	12	26	2	10	14	36

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

RELEASED: DECEMBER 5, 1986

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	50	2810	8	622
3045	Gear Cutting Machines, N.E.C.	80	17852	8	1924
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	13	1328	1	83
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	17	3846	1	124
3211	Machining Centers, NC, N.E.C.	63	5778	8	695
3216	Single Station and Multi-Station Transfer Machines	36	26356	5	4744
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	2888	1	250
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	12	1332	1	36
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	5	695	1	197
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	20	3025	2	196
3254	Drilling Machines, NC	15	1622	3	366
3255	Drilling Machines, Multi-Spindle, Non-NC	28	6806	4	3128
3256	Drilling Machines, Radial, Non-NC	10	114	1	4
3257	Drilling Machines, Upright, Single Spindle, Non-NC	9	189	0	0
3258	Drilling Machines, Non-NC, N.E.C.	148	3405	9	336
3264	Milling Machines, NC	25	6088	3	338
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	39	3363	5	313
3267	Milling Machines, Knee Type, Non-NC	5	370	1	105
3268	Milling Machines, Bed Type, Non-NC	7	2693	2	93
3269	Milling Machines, Non-NC, N.E.C.	80	4291	8	1124
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	2	679
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	203	14155	18	1113
3281	Boring Machines, NC, N.E.C.	3	1443	1	1176
3283	Boring Machines, Non-NC, N.E.C.	50	3127	5	446
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	99	7536	5	442
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	15	1951	1	317
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1237	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	56	1005	2	68
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	8	1612	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	9	408	3	140
3515	Automatic Bar Machines, Single-Spindle, Non-NC	21	915	3	354
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	16	728	1	79
3518	Horizontal Lathes, Non-NC, N.E.C.	983	13946	60	1701
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	10	2486	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	28	2477	1	28
3525	Vertical Lathes, Excl. VTLs, Non-NC	123	6708	9	351
3528	Grinding, Polishing, Honing & Lapping Machines, NC	42	4595	13	952
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	40	4161	3	475
3531	Tool & Cutter Grinding Machines, Non-NC	124	4275	10	122
3532	Honing & Lapping Machines, Non-NC	183	7132	21	318
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	33	618	0	0
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	143	10294	12	1333
3541	External Grinding Machines, Non-NC	24	2280	2	260
3542	Internal Grinding Machines, Non-NC	6	1078	1	86
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	129	5913	6	753
3546	Grinding Machines, Non-NC, N.E.C.	158	3985	13	176
3547	Traveling Wire Electrical Discharge Machines	6	296	0	0
3549	All Other Electrical Discharge Machines	86	1563	3	36
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	1384	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	26	919	3	202
3559	Metal Cutting Machine Tools, NC, N.E.C.	15	1074	0	0
3565	Sawing & Cut-Off Machines, Non-NC	340	6510	23	430
3566	Broaching Machines, Non-NC	5	555	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	152	5578	7	116
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2314	25456	197	3096
5000	Metal Cutting Machine Tools, Less Than $2500**	25823	9827	2339	973
	TOTAL CUTTING			2836	30903
	TOTAL CUTTING YTD	31992	262766		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	13992	0	2802
3568	Metal Forming Machine Tools, Used Or Rebuilt	740	4676	109	1067
3569	Metal Forming Machine Tools, Less Than $2500	3245	2194	567	432
3571	Punching & Shearing Machines, Incl. Combination, NC	32	3622	5	532
3573	Shearing Machines, Non-NC	43	983	6	156
3575	Punching & Combination Punching & Shearing Machines, Non-NC	320	10672	18	2062
3578	Bending, Folding, Straightening & Flattening Machines, NC	103	3300	3	38
3582	Press Brakes, Non-NC	82	3261	3	130
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	17	1098	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	354	16654	24	1582
3588	Mechanical Presses, Non-NC	131	10198	21	2272
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	36	8265	5	107
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	542	29504	66	1459
3594	Headers & Upsetters, Non-NC	56	9480	3	1272
3595	Forging Machines, Non-NC, N.E.C.	84	6687	3	175
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	462	34609	55	2493
	TOTAL FORMING			888	16583
	TOTAL FORMING YTD	6247	159220		
	TOTAL ALL TYPES			3724	47486
	TOTAL ALL TYPES YTD	38239	421986		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	16	953	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	7	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	5	51	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	36	0	0	0	0	0	0	0	0
5000	11	2	0	0	0	0	3	4	0	0
CUT MO.	13	37	16	953	0	0	9	62	0	0
CUT YTD	20	237	636	13390	4	154	2707	2819	30	699
1011	0	11	0	0	0	0	0	15	0	0
3568	0	0	9	112	0	0	0	0	6	21
3569	0	0	6	5	0	0	38	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	430	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	5	107	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	241	0	0	0	0	0	0	1	37
FRM MO.	1	252	15	117	0	0	45	559	7	59
FRM YTD	11	586	91	2129	7	82	190	4994	66	980
TOT MO.	14	289	31	1069	0	0	54	620	7	59
TOT YTD	31	823	727	15519	11	236	2897	7813	96	1679

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	59
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	5	60
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	54
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	50	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	31	0	0	0	0	1	3	0	0
5000	5	3	25	47	0	0	106	6	3	4
CUT MO	6	33	25	47	0	0	108	59	10	176
CUT YTD	718	4186	195	1805	1	231	1013	1360	488	1543
1011	0	71	0	3	0	0	0	0	0	0
3568	1	700	0	0	0	0	0	0	0	0
3569	0	0	4	2	0	0	3	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	221	0	0	0	0	0	0	1	59
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	25	0	0	0	0	0	0	0	0
3598	8	1000	1	25	0	0	0	0	0	0
FRM MO.	12	2018	5	30	0	0	3	2	1	59
FRM YTD	37	5116	48	543	7	301	20	720	12	1658
TOT MO.	18	2051	30	76	0	0	111	60	11	235
TOT YTD	755	9302	243	2348	8	532	1033	2080	500	3202

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	4	4605	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	1	197	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	4	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	115	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	55	0	0	0	0	1	9	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	3	140	0	0
3515	0	0	0	0	0	0	2	349	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	98	0	0
3528	6	421	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	8	86	0	0	0	0	1	7	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	36	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	245	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	35	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	253	2	87	0	0	16	155	0	0
5000	77	9	276	116	0	0	111	78	0	0
CUT MO.	93	825	287	4997	0	0	137	1279	0	0
CUT YTD	992	3672	1445	28849	5	831	1263	10598	50	563
1011	0	0	0	7	0	0	0	55	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	1	1	0	0	12	7	0	0
3571	0	0	0	0	0	0	1	197	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	42	0	0	1	77	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	582	0	0
3594	0	0	0	0	0	0	1	240	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	2	10	0	0	1	8	0	0
FRM MO.	0	0	4	60	0	0	19	1166	0	0
FRM YTD	39	1137	128	5042	1	240	313	13456	3	482
TOT MO.	93	825	291	5057	0	0	156	2445	0	0
TOT YTD	1031	4809	1573	33891	6	1070	1576	24054	53	1045

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	66	0	0	0	0	0	0
3045	0	0	1	73	1	76	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	124	0	0	0	0	0	0
3211	0	0	1	230	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	1	5	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	4	3128	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	5	305	2	9	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	2	289	3	24	0	0	0	0
3267	0	0	1	105	0	0	0	0	0	0
3268	0	0	2	93	0	0	0	0	0	0
3269	0	0	1	30	4	969	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	1	1176	0	0	0	0
3283	0	0	0	0	1	300	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	304	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	23	1	45	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	5	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	8	47	1500	2	14	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	87	1	40	0	0	0	0
3528	0	0	5	164	1	31	0	0	0	0
3529	0	0	0	0	1	21	0	0	0	0
3531	0	0	3	26	6	86	1	11	0	0
3532	0	0	6	117	1	58	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	5	3	736	1	21	0	0
3541	0	0	1	224	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	11	0	0	0	0
3546	0	0	1	5	2	10	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	2	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	8	177	12	180	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	4	3	56	0	0	0	0
4000	0	0	56	484	40	502	9	38	0	0
5000	0	0	413	354	84	90	10	10	0	0
CUT MO.	0	0	518	3302	220	9051	23	93	0	0
CUT YTD	217	1363	5792	30606	3047	42834	488	1465	120	361
1011	0	0	0	772	0	1538	0	0	0	0
3568	0	0	1	2	83	77	0	0	0	0
3569	3	3	214	146	102	153	13	8	0	0
3571	0	0	4	335	0	0	0	0	0	0
3573	0	0	0	0	3	110	0	0	0	0
3575	0	0	3	1139	6	126	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	10	258	5	650	0	0	0	0
3588	0	0	1	21	12	1171	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	1	7	57	727	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	2	150	0	0	0	0	0	0
3598	0	0	17	189	8	80	0	0	0	0
FRM MO.	4	37	253	3018	276	4630	13	8	0	0
FRM YTD	44	894	1890	32338	1694	22483	57	506	2	118
TOT MO.	4	37	771	6319	496	13681	36	101	0	0
TOT YTD	261	2257	7682	62944	4741	65317	545	1971	122	479

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	657
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	253	0	0	0	0
3216	0	0	0	0	1	138	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	1	191
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	8	0	0
3264	2	187	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	52	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	37
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	1	28
3525	0	0	0	0	0	0	0	0	4	65
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	143
3546	0	0	0	0	6	20	0	0	2	54
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	22
4000	15	109	1	3	8	103	2	13	0	0
5000	9	6	0	0	0	0	0	0	154	27
CUT MO.	26	302	1	3	16	515	5	72	170	1224
CUT YTD	110	10038	94	1245	1177	2020	414	796	583	21891
1011	0	17	0	0	0	32	0	4	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	13	11	0	0	0	0	12	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	6	0	0
3575	0	0	0	0	0	0	0	0	3	180
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	96	0	0	0	0	0	0	0	0
3588	1	317	0	0	0	0	1	33	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	65	0	0	1	45
FRM MO.	18	440	0	0	1	97	15	46	4	224
FRM YTD	28	1394	34	204	85	1957	45	564	54	6287
TOT MO.	44	742	1	3	17	612	20	118	174	1448
TOT YTD	138	11432	128	1449	1262	3976	459	1360	637	28178

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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	426	0	0	5	131	0	0
3045	0	0	2	653	0	0	3	465	0	0
3204	1	83	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	1	250	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	36	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	14	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	2	137	0	0
3507	0	0	0	0	0	0	1	317	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	79	0	0
3518	0	0	0	0	1	83	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	335	0	0
3529	0	0	0	0	0	0	2	454	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	3	154	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	86	0	0
3544	0	0	1	177	0	0	0	0	1	173
3546	0	0	0	0	0	0	1	38	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	78	2	124
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	59	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	4	0	0	0	0	19	903	0	0
5000	27	6	5	10	16	17	768	109	3	6
CUT MO.	32	378	10	1266	17	100	811	3358	6	303
CUT YTD	990	1713	196	7041	501	1664	4488	27383	559	15571
1011	0	0	0	41	0	3	0	124	0	92
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	32	9	2	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	2	546	0	0	0	0
3578	0	0	0	0	0	0	3	38	0	0
3582	0	0	0	0	0	0	0	0	2	80
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	344
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	54	0	0
3594	0	0	0	0	0	0	2	1032	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	13	47	0	0
FRM MO.	0	0	0	41	34	558	23	1299	3	515
FRM YTD	20	167	48	1755	86	2393	274	13725	73	9327
TOT MO.	32	378	10	1307	51	658	834	4657	9	818
TOT YTD	1010	1880	244	8795	587	4057	4762	41107	632	24898

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	6	212	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	1	293	1	14
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	46	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	7	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	4
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	13	193
5000	1	1	0	0	0	0	22	18	2	2
CUT MO.	1	1	0	0	1	7	30	569	17	213
CUT YTD	34	1677	108	269	95	339	413	3452	501	3214
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	0	0	2	65	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	53	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	30	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	747
FRM MO.	0	0	0	0	2	65	3	82	1	747
FRM YTD	0	0	15	98	43	8685	106	2699	54	2580
TOT MO.	1	1	0	0	3	72	33	651	18	959
TOT YTD	34	1677	123	366	138	9024	519	6151	555	5794

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	152	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	2	679	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	25	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	3	411	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	14	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	35	0	0	0	0
4000	4	159	1	9	0	0	0	0	0	0
5000	0	0	63	14	24	18	0	0	0	0
CUT MO.	12	1439	64	23	25	53	0	0	0	0
CUT YTD	100	9753	537	2536	1309	3134	52	98	8	106
1011	0	0	0	7	0	8	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	5	72	35	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	2	20	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	51	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	51	2	12	74	63	0	0	0	0
FRM YTD	16	7148	47	1833	375	3243	106	111	0	0
TOT MO.	13	1490	66	35	99	116	0	0	0	0
TOT YTD	116	16902	584	4369	1684	6377	158	209	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	1	74	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	1	58	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	3	6	1	7
5000	0	0	121	17	0	0
CUT MO.	2	131	124	22	1	7
CUT YTD	90	207	239	583	163	418
1011	0	0	0	4	0	0
3568	0	0	7	90	0	0
3569	0	0	38	32	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	1	40
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	2	107
3589	0	0	0	0	0	0
3590	0	0	0	0	1	55
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	45	126	4	202
FRM YTD	3	153	63	812	12	257
TOT MO.	2	131	169	148	5	209
TOT YTD	93	359	302	1395	175	675

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
SEPTEMBER 1986

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	1	34	1	34
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	3	3	3	3
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	0	0	4	37	4	37

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	7	34	0	0	7	34
DOMINICAN REP.	6	19	0	0	6	19
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	1	2	0	0	1	2
HONDURAS	2	7	0	0	2	7
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	3	23	13	8	16	31
SALVADOR	4	8	0	0	4	8
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	23	93	13	8	36	101

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
ECUADOR	2	13	12	4	14	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	1	8	0	0	1	8
PERU	2	52	3	42	5	94
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	5	72	15	46	20	118

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	4	8	0	7	4	15
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	1	1	0	0	1	1
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	2	5	2	5
QATAR	0	0	0	0	0	0
SRI LANKA	1	9	0	0	1	9
SYRIA	0	0	0	0	0	0
THAILAND	58	5	0	0	58	5
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	64	23	2	12	66	35
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	1	40	1	40
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	7	2	107	3	114
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	1	55	1	55
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	7	4	202	5	209

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

1/6/87 A8050-3 A

REPORT

Statistical

national
machine
tool builders
association
[illegible]

REPORT NO. 183-86
December 31, 1986

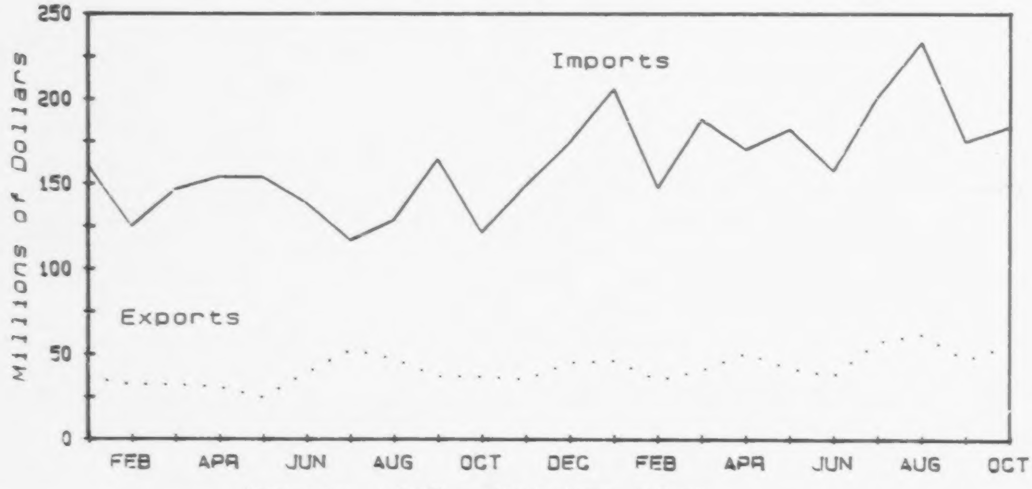
U.S. FOREIGN TRADE IN MACHINE TOOLS
October 1986

During October 1986 U.S. foreign trade in machine tools produced a trade deficit of $127.7 million, bringing the ten month deficit to $1,370.0 million. October exports increased 19% from the September total and stood at $56.4 million. Imports, at $184.1 million, were 5% above the previous month's level. Year-to-date machine tool exports of $478.4 million were up 29% from the first ten months of 1985. U.S. imports increased 31% from the same period last year to a total of $1,848.4 million.

U.S. Machine Tool Trade
($Millions)

	October 1986			Ten Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 32.6	$114.7	($ 82.1)	$295.4	$1,362.7	($1,067.3)
Metal Forming	$ 23.8	$ 69.4	($ 45.6)	$183.0	$ 485.7	($ 302.7)
Total	$ 56.4	$184.1	($127.7)	$478.4	$1,848.4	($1,370.0)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals

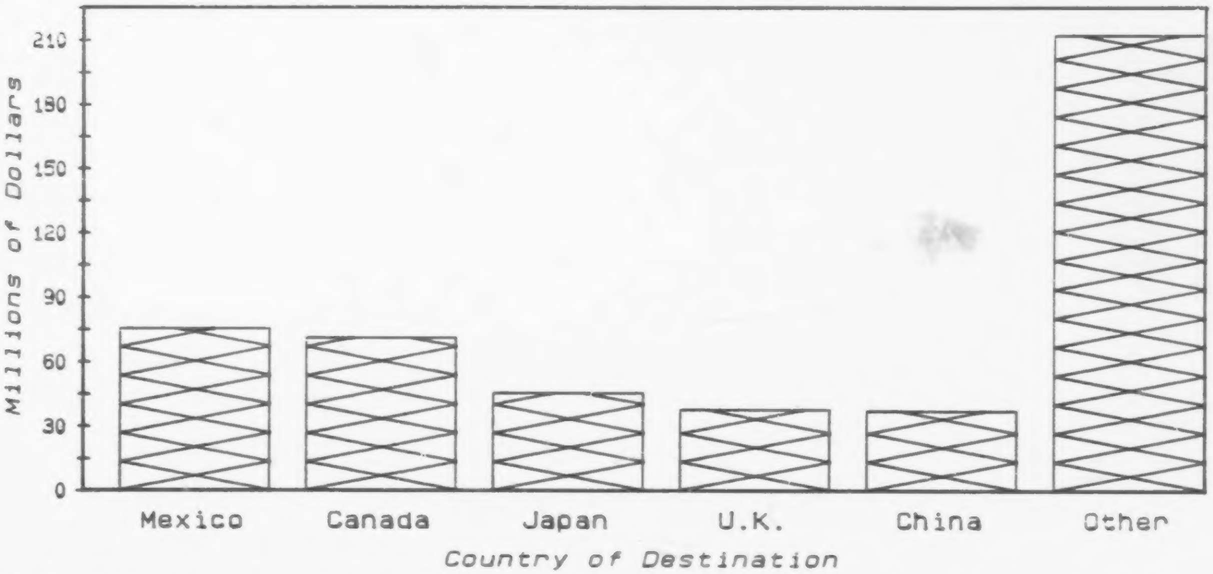


January 1985 - October 1986

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

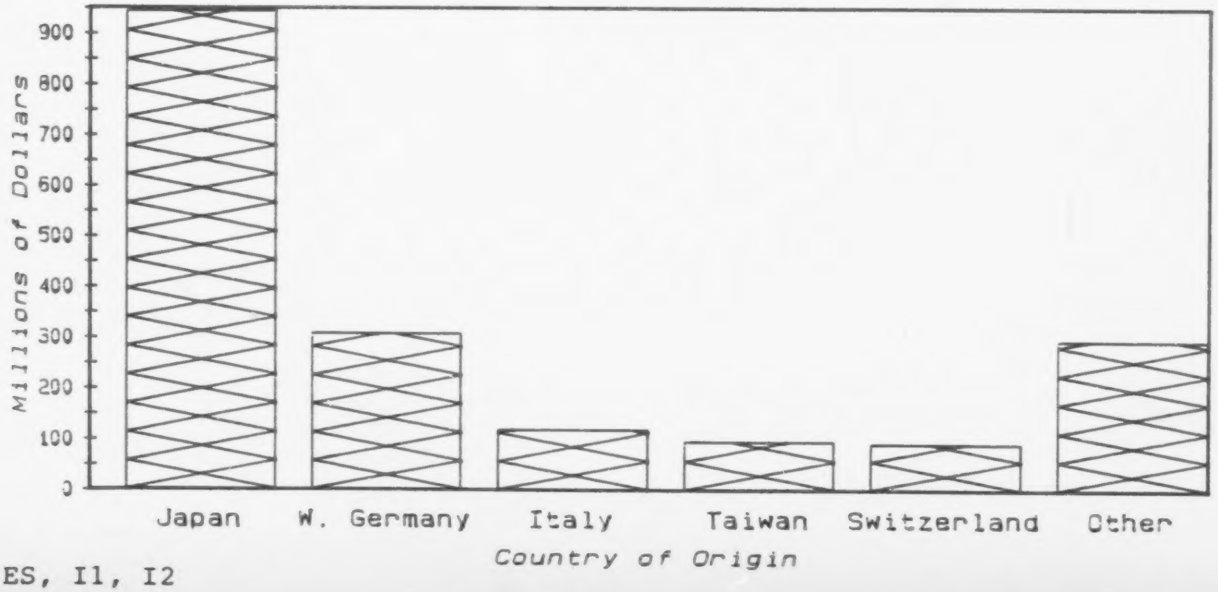
U.S. Exports of metal cutting machine tools during October were 6% above their September level. Metal forming exports were 44% above the previous month's level. Compared to the first ten months of 1985, U.S. exports of metal cutting machinery rose 27%. Metal forming exports gained 31%. For January through October 1986, the leading export markets were (in millions): Mexico ($75.3), Canada ($71.0), Japan ($45.4), the United Kingdom ($37.7) and China ($37.2).

U.S. EXPORTS
1986, Year to Date



U.S. Imports of metal cutting machine tools in October were 15% below September's level but the ten month total for 1986 was 20% above the same period last year. October metal forming imports increased 71% from September and their year-to-date 1986 total stood 75% above the level registered in the first ten months of 1985. The leading sources of machine tool imports to the U.S. during the first ten months of 1986 were (in millions): Japan ($943.0), West Germany ($307.9), Italy ($118.5), Taiwan ($94.7) and Switzerland ($90.4).

U.S. IMPORTS
1986, Year to Date



ES, I1, I2

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

RELEASED DECEMBER 31, 1986

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
674	METAL CUTTING				
3025	Gear Hobbers	71	8948	1	291
3035	Gear Shapers	4	668	0	0
3045	Gear Cutting Machines, N.E.C.	20	3066	2	228
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1861	143055	127	9531
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	285	26642	9	834
3409	Horizontal Machining Centers, ATC, NC	579	72253	97	11388
3411	Machining Centers, NC, N.E.C.	643	55239	47	5337
3412	Single Station and Multi-Station Transfer Machines	87	30281	4	748
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	972	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C	39	7480	3	715
3419	Vertical Boring-Drilling-Milling Machines, NC	185	14719	12	648
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	22	1668	1	13
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	59	2470	1	8
3328	Drilling Machines, NC	119	9283	7	320
3329	Drilling Machines, Multi-Spindle, Non-NC	43	3948	9	1440
3334	Drilling Machines, Radial, Non-NC	211	1703	3	15
3336	Drilling Machines, Upright, Single Spindle, Non-NC	72	483	1	5
3342	Drilling Machines, Non-NC, N.E.C.	652	17983	142	811
3464	Milling Machines, NC	708	50697	96	4489
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214	1	11
3467	Milling Machines, Knee Type, Non-NC	3060	17190	231	1117
3468	Milling Machines, Bed Type, Non-NC	267	4941	39	354
3469	Milling Machines, Non-NC, N.E.C.	1522	22985	203	3436
3476	Vertical Boring Machines, Incl. VTL's, NC	73	10173	6	425
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	157	4026	53	710
3481	Boring Machines, NC, N.E.C.	23	10206	5	386
3483	Boring Machines, Non-NC N.E.C.	475	54141	16	666
3504	Horizontal Lathes, Multi-Spindle, NC	36	3883	1	64
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2953	121073	183	9318
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	763	52636	53	4276
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	254	17619	15	1450
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3361	27503	257	1812
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	96	3051	5	25
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	122	11419	4	751
3515	Automatic Bar Machines, Single Spindle, Non-NC	40	868	1	22
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	17	2763	1	248
3518	Horizontal Lathes, Non-NC, N.E.C.	212	9030	17	612
3505	Vertical Lathes, Multi-Spindle, NC	113	9951	17	994
3519	Vertical Lathes, NSPF, NC	404	25252	37	1502
3522	Vertical Lathes, Excl. VTL's, Non-NC	1363	29125	75	2240
3527	Gear Tooth Grinding & Finishing Machines	408	13563	11	323
3528	Tool & Cutter Grinding Machines, NC	84	3785	14	483
3529	Tool & Cutter Grinding Machines, Non-NC	1100	17965	56	739
3533	Honing & Lapping Machines	196	11910	19	1120
3539	Grinding Machines, Flat Surface, NC	43	6693	0	0
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	376	5549	7	40
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1273	24424	139	2093
3546	Grinding & Polishing Machines, NC, N.E.C.	99	10367	2	340
3554	External Grinding Machines, Non-NC	756	16798	9	1199
3556	Internal Grinding Machines, Non-NC	85	4194	5	39
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	167	7683	7	292
3559	Grinding Machines, Non-NC, N.E.C.	1488	49710	97	2320
3562	Traveling Wire Electrical Discharge Machines	744	49761	153	5808
3564	All Other Electrical Discharge Machines	483	20930	54	1368
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	54	4003	0	0
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	190	3752	11	381
3576	Metal Cutting Machines Tools, NC, N.E.C.	132	64773	22	15059
3577	Sawing & Cut-Off Machines, Non-NC	1639	23653	171	2462
3578	Broaching Machines, Non-NC	64	1688	1	7
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	935	23865	110	3070
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5433	22541	294	1663
5000	Metal Cutting Machine Tools, Less Than $2500**	642586	84335	100396	8672
	TOTAL CUTTING			103360	114728
	TOTAL CUTTING YTD	679333	1362659		
674	METAL FORMING				
3010	Die Casting Machines	651	27045	22	689
3582	Metal Forming Machine Tools, Used or Rebuilt	362	6351	48	1029
3583	Metal Forming Machine Tools, Less Than $2500	20149	8411	1799	799
3584	Punching and Shearing Machines, Incl. Combination, NC	434	50072	43	5039
3586	Shearing Machines, Non-NC	926	18248	55	1316
3587	Punching & Combination Punching & Shearing Machines, Non-NC	618	11051	11	359
3588	Bending, Folding, Straightening & Flattening Machines, NC	359	33263	61	5003
3589	Press Brakes, Non-NC	988	27380	84	2557
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	195	2634	35	234
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1111	30799	110	1573
3593	Metal Forming Machine Tools, NC, N.E.C	38	3237	1	186
3594	Mechanical Presses, Non-NC	291	43070	32	20458
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	77	7364	4	143
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	865	124894	23	21066
3597	Headers & Upsetters, Non-NC	102	7655	5	346
3598	Forging Machines, Non-NC, N.E.C	124	7863	10	2768
3599	Metal Forming Machine Tools, Non-NC, N.E.C	1803	76327	110	5863
	TOTAL FORMING			2453	69431
	TOTAL FORMING YTD	29093	485704		
	TOTAL ALL TYPES			105813	184159
	TOTAL ALL TYPES YTD	708426	1848163		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$00
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	1	329
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	2	8	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	1	8
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	107	303	0	0
3464	0	0	0	0	0	0	1	1725	1	66
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	2	45
3469	0	0	0	0	0	0	1	641	1	41
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	9	54
3481	0	0	0	0	0	0	0	0	0	0
3483	1	13	0	0	0	0	1	362	6	148
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	2	363
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	299
3505	0	0	0	0	0	0	0	0	0	0
3519	7	87	0	0	0	0	0	0	0	0
3522	3	37	3	254	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	1	47
3528	0	0	0	0	0	0	1	35	12	285
3529	0	0	0	0	0	0	0	0	1	9
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	6	23
3543	1	7	0	0	9	247	0	0	5	162
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	3	109
3559	4	47	2	123	0	0	6	20	1	17
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	5	26	0	0	8	169	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	7	25	0	0	0	0	2	38	1	4
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	1	32	0	0	3	121	2	189
4000	21	70	1	4	0	0	1	63	23	215
5000	288	107	184	46	23	41	47	48	369	87
CUT MO	334	400	196	485	32	289	178	3525	449	2498
CUT YTD	3511	5441	802	2962	582	2138	4849	22838	7707	83611
4010	0	0	0	0	0	0	0	0	1	126
3582	0	0	0	0	0	0	0	0	0	0
3583	44	22	2	4	3	5	77	91	46	10
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	4	53	0	0	0	0	5	173
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	7	144	0	0	0	0	1	25
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	43	126	0	0	11	536	2	10
3593	0	0	0	0	1	186	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	3938
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	3	1	20
3599	0	0	2	59	0	0	0	0	4	941
FRM MO	44	22	58	385	4	192	89	630	61	5242
FRM YTD	356	898	556	7974	105	1591	842	8461	1002	34879
TOT MO	378	422	254	869	36	480	267	4155	510	7740
TOT YTD	3867	6339	1358	10936	687	3729	5691	31299	10709	118490

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	4	156	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	1	623	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	2	380
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	5	88	1	3
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	1	5	0	0	0	0
3342	0	0	0	0	3	33	0	0	0	0
3464	0	0	0	0	14	131	0	0	0	0
3466	0	0	0	0	1	11	0	0	0	0
3467	0	0	0	0	42	192	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	2	45	2	181	2	282
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	5	60
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	1	218
3515	0	0	0	0	0	0	0	0	1	22
3516	0	0	0	0	0	0	0	0	1	248
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	4	192
3528	0	0	0	0	0	0	0	0	1	163
3529	0	0	0	0	1	12	0	0	3	20
3533	0	0	0	0	0	0	1	79	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	246
3554	0	0	0	0	0	0	0	0	4	250
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	5	124	0	0	0	0	1	3	3	180
3562	0	0	0	0	0	0	0	0	22	2010
3564	0	0	0	0	0	0	0	0	3	28
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	7	0	0
3579	2	31	0	0	14	122	0	0	4	33
4000	0	0	0	0	3	10	20	12	4	3
5000	49	63	0	0	28	158	145	60	5	2
CUT MO	57	841	0	0	109	718	179	586	67	4338
CUT YTD	1294	16101	285	634	2162	16083	2424	8302	2785	75045
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	27
3583	23	19	0	0	0	0	1	2	10	11
3584	0	0	0	0	0	0	0	0	5	871
3586	0	0	2	33	0	0	1	10	0	0
3587	0	0	0	0	0	0	2	275	2	54
3588	1	14	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	158	0	0
3591	0	0	0	0	0	0	4	61	0	0
3592	1	5	0	0	0	0	1	35	1	7
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	1	39
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	70	0	0	3	156
FRM MO	25	38	2	33	1	70	10	541	23	1165
FRM YTD	516	2049	80	1498	349	1048	518	9444	841	15396
TOT MO	82	879	2	33	110	788	189	1126	90	5503
TOT YTD	1810	18149	365	2132	2511	19131	2942	17746	3626	90441

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	1	291	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	228	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	12	565	0	0	0	0	0	0	0	0
3411	1	94	3	967	0	0	0	0	0	0
3412	0	0	2	368	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	229	0	0	0	0	0	0
3419	0	0	8	435	4	214	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	1	8	0	0
3328	0	0	1	126	0	0	0	0	0	0
3329	0	0	2	1327	0	0	0	0	0	0
3334	0	0	0	0	0	0	1	4	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	13	218	0	0	4	49	0	0
3464	31	991	3	485	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	13	197	0	0	0	0	0	0	0	0
3468	20	118	0	0	0	0	0	0	0	0
3469	0	0	42	1325	0	0	1	11	0	0
3476	0	0	1	18	0	0	0	0	0	0
3477	0	0	43	639	0	0	1	17	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	2	35	0	0	6	108	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	18	218	5	599	0	0	0	0	0	0
3508	3	338	3	292	0	0	0	0	0	0
3510	0	0	1	551	0	0	0	0	0	0
3512	23	204	0	0	0	0	0	0	2	23
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	12	95	0	0	0	0	0	0
3505	2	90	0	0	0	0	0	0	0	0
3519	0	0	1	28	0	0	0	0	0	0
3522	15	309	2	284	0	0	4	38	0	0
3527	0	0	2	50	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	2	12	24	323	0	0	9	122	0	0
3533	0	0	2	91	0	0	2	8	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	4	191	0	0	3	63	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	1	29	2	776	0	0	0	0	0	0
3556	0	0	3	27	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	20	273	29	1205	0	0	9	44	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	3	100	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	6	161	1	207	0	0	0	0	0	0
3576	0	0	1	126	0	0	0	0	0	0
3577	6	30	51	444	0	0	10	145	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	3	833	36	663	0	0	16	519	0	0
4000	40	173	73	732	0	0	14	85	0	0
5000	348	234	4724	660	23	27	103	50	6	14
CUT MO	567	4968	5100	14034	27	241	184	1276	8	36
CUT YTD	9094	64500	122432	230476	549	3967	5912	19154	794	3537
1010	0	0	14	211	0	0	4	94	0	0
3582	4	19	6	188	0	0	5	40	0	0
3583	7	6	231	185	0	0	25	20	2	4
3584	0	0	0	0	0	0	0	0	0	0
3586	14	133	6	83	0	0	2	36	0	0
3587	0	0	2	9	0	0	4	16	0	0
3588	1	128	0	0	0	0	0	0	0	0
3589	1	10	0	0	0	0	8	244	0	0
3591	0	0	0	0	0	0	1	42	0	0
3592	2	175	20	210	0	0	18	261	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	2	2213	0	0	0	0	0	0
3595	0	0	1	39	0	0	0	0	0	0
3596	7	435	4	84	0	0	2	699	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	7	2560	0	0	1	185	0	0
3599	8	675	10	1201	0	0	29	1278	0	0
FRM MO	44	1581	323	6982	0	0	99	2917	2	4
FRM YTD	875	20249	4847	77380	3	299	1743	26033	35	13503
TOT MO	611	6549	5423	21015	27	241	283	4193	10	40
TOT YTD	9969	84749	127279	307856	552	4266	7655	45188	829	17039

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	98	8467	0	0	0	0
3406	0	0	0	0	7	674	0	0	0	0
3409	0	0	0	0	81	10682	0	0	0	0
3411	0	0	0	0	21	2958	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	158	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	2	80	0	0	0	0
3329	0	0	0	0	1	22	0	0	0	0
3334	0	0	0	0	0	0	1	4	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	2	95	0	0	1	62
3464	0	0	0	0	7	670	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	1	23	0	0	0	0
3468	0	0	0	0	1	48	0	0	0	0
3469	2	7	0	0	0	0	0	0	0	0
3476	0	0	0	0	5	407	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	5	386	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	1	64	0	0	0	0
3506	0	0	0	0	117	7603	14	625	7	67
3508	0	0	0	0	45	3551	1	40	0	0
3510	0	0	0	0	9	840	0	0	0	0
3512	2	38	0	0	3	256	35	153	30	267
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	1	170	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	211	0	0	0	0
3505	0	0	0	0	15	904	0	0	0	0
3519	0	0	0	0	21	1220	0	0	0	0
3522	0	0	0	0	17	1131	0	0	0	0
3527	0	0	0	0	1	19	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	5	77	0	0	2	127
3533	0	0	0	0	14	942	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	1	16	0	0	0	0
3543	0	0	0	0	21	879	0	0	3	32
3546	0	0	0	0	1	94	0	0	0	0
3554	0	0	0	0	2	145	0	0	0	0
3556	2	12	0	0	0	0	0	0	0	0
3558	0	0	0	0	2	175	0	0	0	0
3559	0	0	0	0	5	231	0	0	0	0
3562	0	0	0	0	126	3742	0	0	0	0
3564	0	0	0	0	21	909	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	20	14911	0	0	0	0
3577	0	0	3	147	78	1577	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	20	484	0	0	0	0
4000	0	0	4	2	10	101	0	0	0	0
5000	1544	80	0	0	11811	2025	0	0	0	0
CUT MO	1550	137	7	149	12601	66946	51	823	43	556
CUT YTD	2157	2624	186	1637	136822	690167	754	8702	635	5592
1010	0	0	0	0	2	247	0	0	0	0
3582	0	0	0	0	28	741	0	0	0	0
3583	0	0	0	0	313	171	14	14	0	0
3584	0	0	0	0	38	4168	0	0	0	0
3586	0	0	4	96	15	657	0	0	0	0
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	58	4857	0	0	0	0
3589	0	0	1	32	65	1944	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	11	209	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	26	14297	0	0	0	0
3595	0	0	0	0	3	103	0	0	0	0
3596	0	0	0	0	9	19809	0	0	0	0
3597	0	0	0	0	5	346	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	27	1270	0	0	0	0
FRM MO	0	0	5	128	600	48818	14	14	0	0
FRM YTD	16	3	42	903	6409	252810	16	60	50	444
TOT MO	1550	137	12	277	13201	115764	65	837	43	556
TOT YTD	2173	2627	228	2540	143231	942977	770	8762	685	6037

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	25	909	0	0	0	0
3406	2	160	0	0	0	0
3409	4	142	0	0	0	0
3411	21	695	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	1	13
3423	0	0	0	0	0	0
3328	2	106	0	0	0	0
3329	0	0	0	0	0	0
3334	0	0	0	0	0	0
3336	0	0	0	0	0	0
3342	11	47	0	0	1	5
3464	39	421	0	0	0	0
3466	0	0	0	0	0	0
3467	175	705	0	0	0	0
3468	16	143	0	0	0	0
3469	149	898	0	0	1	5
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	10	129	1	10	11	66
3508	1	55	0	0	0	0
3510	0	0	0	0	0	0
3512	158	830	0	0	4	42
3513	5	25	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	8	0	0	0	0
3505	0	0	0	0	0	0
3519	8	167	0	0	0	0
3522	30	103	0	0	1	85
3527	3	14	0	0	0	0
3528	0	0	0	0	0	0
3529	9	36	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	92	453	0	0	1	55
3546	0	0	0	0	0	0
3554	0	0	0	0	0	0
3556	0	0	0	0	0	0
3558	2	8	0	0	0	0
3559	4	32	0	0	8	21
3562	0	0	5	57	0	0
3564	14	136	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	4	13
3576	1	22	0	0	0	0
3577	13	51	0	0	0	0
3578	0	0	0	0	0	0
3579	9	44	0	0	0	0
4000	72	168	0	0	8	25
5000	80280	4944	0	0	419	27
CUT MO	81156	11450	6	67	459	356
CUT YTD	370554	92155	515	717	2528	6162
1010	1	11	0	0	0	0
3582	0	0	0	0	4	15
3583	912	145	15	2	74	88
3584	0	0	0	0	0	0
3586	0	0	0	0	2	42
3587	1	5	0	0	0	0
3588	1	4	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	30	131
3592	0	0	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	3	10
3595	0	0	0	0	0	0
3596	0	0	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	1	45	5	170
FRM MO	915	166	16	46	118	455
FRM YTD	6976	2512	33	319	883	5914
TOT MO	82071	11616	22	113	577	811
TOT YTD	377530	94667	548	1036	3411	12076

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	57	0	0	2	57
EAST GERMANY	5	25	3	83	8	108
FINLAND	2	2	75	166	77	168
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	6	7	0	0	6	7
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	20	1	20
POLAND	16	53	0	0	16	53
ROMANIA	2	1	0	0	2	1
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	33	144	79	269	112	413
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	333	33	29	60	362	93
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	333	33	29	60	362	93
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	1	5	0	0	1	5
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	1	1	2	102	3	103
INDIA	74	7	0	0	74	7
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	4	10	0	0	4	10
MALAYSIA	0	0	3	3	3	3
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	2	90	0	0	2	90
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	82	113	5	105	87	217
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	11	66	0	0	11	66
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	5	22	5	22
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	11	66	5	22	16	88

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0' DOLLAR AMOUNT LESS THAN $500 2)N.E.C. NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

RELEASED: DECEMBER 31, 1986

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	62	3734	12	924
3045	Gear Cutting Machines, N.E.C.	84	18717	4	865
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	13	1328	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	19	4708	2	861
3211	Machining Centers, NC, N.E.C.	67	5908	4	130
3216	Single Station and Multi-Station Transfer Machines	40	30343	4	3986
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	2888	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	23	1732	11	400
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	5	695	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	30	3203	10	178
3254	Drilling Machines, NC	19	2013	4	391
3255	Drilling Machines, Multi-Spindle, Non-NC	36	7847	8	1041
3256	Drilling Machines, Radial, Non-NC	13	141	3	27
3257	Drilling Machines, Upright, Single Spindle, Non-NC	10	202	1	12
3258	Drilling Machines, Non-NC, N.E.C.	155	3647	7	242
3264	Milling Machines, NC	27	6423	2	335
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	44	3420	5	57
3267	Milling Machines, Knee Type, Non-NC	6	440	1	70
3268	Milling Machines, Bed Type, Non-NC	9	2719	2	26
3269	Milling Machines, Non-NC, N.E.C.	87	4899	7	607
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	238	15644	35	1490
3281	Boring Machines, NC, N.E.C.	6	1728	3	285
3283	Boring Machines, Non-NC, N.E.C.	61	3374	11	247
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	108	8434	9	898
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	21	2996	6	1046
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	8	1383	1	147
3510	Horizontal Engine & Toolroom Lathes, Non-NC	66	1089	10	84
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	9	1696	1	84
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	9	408	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	24	930	3	15
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	843	4	115
3518	Horizontal Lathes, Non-NC, N.E.C.	1180	17171	197	3225
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	10	2486	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	28	2477	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	133	7725	10	1017
3528	Grinding, Polishing, Honing & Lapping Machines, NC	66	6881	24	2286
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	43	4972	3	811
3531	Tool & Cutter Grinding Machines, Non-NC	138	4604	14	330
3532	Honing & Lapping Machines, Non-NC	202	7408	19	276
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	41	1042	8	423
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	162	12374	19	2081
3541	External Grinding Machines, Non-NC	26	2621	2	341
3542	Internal Grinding Machines, Non-NC	8	1356	2	278
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	139	6427	10	514
3546	Grinding Machines, Non-NC, N.E.C.	185	4235	27	250
3547	Traveling Wire Electrical Discharge Machines	6	296	0	0
3549	All Other Electrical Discharge Machines	94	1858	8	295
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	14	1467	2	83
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	28	969	2	50
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213	4	139
3565	Sawing & Cut Off Machines, Non-NC	376	7112	36	602
3566	Broaching Machines, Non-NC	5	555	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	170	5916	18	338
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2603	28941	289	3485
5000	Metal Cutting Machine Tools, Less Than $2500**	30227	11070	4404	1242
	TOTAL CUTTING			5268	32636
	TOTAL CUTTING YTD	37260	295402		
674 METAL FORMING					
1011	Die Casting Machines & Parts	0	15990	0	1999
3568	Metal Forming Machine Tools, Used Or Rebuilt	792	6596	52	1920
3569	Metal Forming Machine Tools, Less Than $2500	3501	2363	256	170
3571	Punching & Shearing Machines, Incl. Combination, NC	36	3871	4	249
3573	Shearing Machines, Non-NC	53	1211	10	227
3575	Punching & Combination Punching & Shearing Machines, Non-NC	364	11714	44	1042
3578	Bending, Folding, Straightening & Flattening Machines, NC	111	3891	8	590
3582	Press Brakes, Non-NC	84	3583	2	323
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	17	1098	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	391	19029	37	2375
3588	Mechanical Presses, Non-NC	138	10564	7	366
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	37	8373	1	108
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	590	32680	48	3176
3594	Headers & Upsetters, Non-NC	58	9663	2	184
3595	Forging Machines, Non-NC, N.E.C.	88	6746	4	59
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	527	45639	65	11030
	TOTAL FORMING			540	23820
	TOTAL FORMING YTD	6787	183040		
	TOTAL ALL TYPES			5808	56456
	TOTAL ALL TYPES YTD	44047	478442		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	6	24	0	0
3254	0	0	2	64	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	34	1340	0	0	0	0	0	0
3281	0	0	0	0	1	30	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	24	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	29	0	0	3	206
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	42	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	31	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	2	6	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	30	0	0	0	0	28	712	0	0
5000	0	0	164	121	0	0	0	0	0	0
CUT MO	3	61	200	1525	2	59	38	808	3	206
CUT YTD	23	298	836	14915	6	213	2745	3627	33	905
1011	0	24	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	1	9
3569	0	0	7	6	0	0	10	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	683	1	24
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	108	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	0	24	7	6	0	0	13	798	2	33
FRM YTD	11	610	98	2135	7	82	203	5792	68	1013
TOT MO	3	84	207	1531	2	59	51	1606	5	238
TOT YTD	34	907	934	17049	13	295	2948	9419	101	1917

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	92	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	2	26	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	460	2	417
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	250	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	11	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	11	494	0	0	0	0	0	0	1	35
5000	0	0	12	7	0	0	0	0	12	15
CUT MO	16	873	12	7	0	0	1	460	15	467
CUT YTD	734	5060	207	1812	1	231	1014	1820	503	2010
1011	0	1084	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	5	2	0	0	3	1	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	4	3	35	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	82	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	25	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	2627	0	0	0	0	0	0	1	77
FRM MO	4	3740	8	38	0	0	4	83	1	77
FRM YTD	41	8856	56	580	7	301	24	803	13	1736
TOT MO	20	4613	20	44	0	0	5	542	16	544
TOT YTD	775	13915	263	2392	8	532	1038	2622	516	3745

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	3	3226	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	57	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	3	545	0	0
3528	0	0	0	0	0	0	1	156	6	570
3529	0	0	0	0	1	193	2	617	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	6	62	1	11	0	0	6	90	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	233	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	7	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	28	0	0	1	19	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	261	0	0	4	11	0	0
4000	0	0	0	0	0	0	2	80	0	0
5000	8	5	381	116	0	0	20	32	0	0
CUT MO	16	357	391	3642	1	193	41	1557	6	570
CUT YTD	1008	4029	1836	32491	6	1024	1304	12155	56	1133
3011	0	0	0	0	0	0	0	118	0	0
3568	0	0	8	14	0	0	0	0	0	0
3569	0	0	9	3	0	0	28	18	0	0
3571	0	0	0	0	0	0	2	180	0	0
3573	0	0	0	0	0	0	3	66	0	0
3575	0	0	2	76	0	0	1	21	0	0
3578	1	97	0	0	0	0	1	66	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	7	257	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	15	0	0	5	284	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	65	2	50	0	0	0	0	0	0
FRM MO	3	162	22	157	0	0	47	1009	0	0
FRM YTD	42	1299	150	5199	1	240	360	14465	3	482
TOT MO	19	519	413	3799	1	193	88	2566	6	570
TOT YTD	1050	5328	1986	37690	7	1264	1664	26620	59	1615

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	11	601	0	0	0	0	0	0
3045	0	0	1	185	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	861	0	0	0	0	0	0
3211	0	0	2	95	2	35	0	0	0	0
3216	0	0	0	0	1	760	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	1	222	0	0	0	0	0	0
3255	0	0	6	298	2	743	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	12	0	0	0	0
3258	0	0	0	0	3	98	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	5	57	0	0	0	0
3267	0	0	1	70	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	3	500	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	2	255	0	0	0	0
3283	0	0	0	0	0	0	2	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	7	696	0	0	0	0	0	0
3507	0	0	1	378	0	0	0	0	0	0
3509	0	0	1	147	0	0	0	0	0	0
3510	0	0	1	4	0	0	0	0	0	0
3511	0	0	0	0	1	84	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	7	1	8	0	0	0	0
3516	0	0	1	47	3	69	0	0	0	0
3518	0	0	6	83	181	2998	5	55	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	2	86	0	0	0	0
3528	0	0	13	524	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	6	56	4	31	0	0	0	0
3532	0	0	5	85	0	0	0	0	0	0
3533	0	0	4	38	1	59	0	0	0	0
3538	0	0	0	0	10	173	0	0	0	0
3541	0	0	1	214	0	0	0	0	0	0
3542	0	0	1	263	1	15	0	0	0	0
3544	0	0	1	3	3	29	0	0	0	0
3546	0	0	16	78	5	30	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	13	5	276	0	0	0	0
3551	0	0	1	43	0	0	0	0	0	0
3553	0	0	2	50	0	0	0	0	0	0
3559	0	0	1	74	0	0	0	0	0	0
3565	0	0	5	19	10	108	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	10	4	33	0	0	0	0
4000	5	197	25	108	80	1293	4	6	0	0
5000	239	74	434	316	143	98	91	16	0	0
CUT MO	244	271	562	5586	473	7851	102	108	0	0
CUT YTD	461	1634	6354	36192	3520	50685	590	1573	120	361
1011	0	19	0	78	0	148	0	22	0	0
3568	0	0	2	5	25	141	0	0	0	0
3569	0	0	115	50	34	43	0	0	2	1
3571	0	0	1	49	0	0	0	0	0	0
3573	0	0	6	131	1	30	0	0	0	0
3575	0	0	15	441	6	163	1	6	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	284	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	8	456	9	128	0	0	1	229
3588	0	0	2	200	1	30	0	0	1	33
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	7	170	24	1392	1	6	0	0
3594	0	0	1	35	0	0	0	0	0	0
3595	0	0	4	59	0	0	0	0	0	0
3598	0	0	9	513	3	84	0	0	0	0
FRM MO	0	19	171	2471	103	2160	2	34	4	263
FRM YTD	44	912	2061	34809	1797	24642	59	540	6	381
TOT MO	244	289	733	8057	576	10011	104	141	4	263
TOT YTD	505	2546	8415	71001	5317	75327	649	2113	126	742

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	159
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	3	0	0	0	0
3264	0	0	0	0	0	0	0	0	2	335
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	45	0	0	4	100	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	152	0	0
3528	0	0	0	0	0	0	0	0	1	285
3529	0	0	0	0	0	0	0	0	0	0
3531	2	162	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	15	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	193
3546	0	0	0	0	1	28	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	2	21	0	0	0	0
4000	1	2	0	0	0	0	2	4	0	0
5000	50	2	2	3	0	0	3	6	21	14
CUT MO.	53	167	5	48	4	52	12	277	26	985
CUT YTD	163	10205	99	1293	1181	2072	426	1073	609	22876
1011	0	8	0	0	0	0	0	14	0	348
3568	0	0	2	54	2	33	0	0	0	0
3569	1	2	0	0	14	9	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	13	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	35	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	182
3594	1	148	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	42	7538
FRM MO	2	159	3	89	16	42	1	28	43	8068
FRM YTD	30	1552	37	293	101	1998	46	592	97	14355
TOT MO.	55	325	8	137	20	94	13	305	69	9053
TOT YTD	193	11757	136	1586	1282	4070	472	1665	706	37231

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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	323	0	0
3045	0	0	0	0	0	0	1	460	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	11	400	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	1	105	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	19	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	17	0	0	0	0	2	80	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	1	149
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	2	202	0	0
3507	0	0	0	0	0	0	1	348	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	8	63	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	41	3	23	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	78	0	0	0	0	2	673	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	39	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	2	163	1	163
3538	0	0	0	0	0	0	2	770	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	7
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	3	65	0	0	0	0	0	0	0	0
3565	0	0	1	28	1	70	6	242	6	51
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	102	220	0	0	2	4	3	36
5000	24	1	255	22	960	44	830	97	61	28
CUT MO	29	161	359	375	963	173	874	3887	73	434
CUT YTD	1019	1875	555	7416	1464	1837	5362	31269	632	16005
1011	0	0	0	23	0	0	0	20	0	85
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	1	3	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	1	280	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	39
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	169	2	119
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	195	5	273
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	4	0	0	0	0	1	18	1	29
FRM MO	1	4	1	303	0	0	7	404	9	545
FRM YTD	21	171	49	2058	86	2393	281	14128	82	9872
TOT MO	30	165	360	678	963	173	881	4290	82	979
TOT YTD	1040	2045	604	9473	1550	4231	5643	45397	714	25877

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	61
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	3	27	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	30	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	4	320	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	17
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	1	14
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	2	84
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	17	1	4	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	3	76
5000	0	0	0	0	28	6	12	10	83	9
CUT MO	0	0	0	0	29	23	21	391	91	261
CUT YTD	34	1677	108	269	124	362	434	3843	592	3475
1011	0	0	0	2	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	7	1647
3569	0	0	0	0	0	0	8	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	8	84	0	0	4	40	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	2	31	1	72	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	25
FRM MO	0	0	8	86	2	31	13	120	8	1672
FRM YTD	0	0	23	184	45	8716	119	2819	62	4252
TOT MO	0	0	8	86	31	54	34	511	99	1933
TOT YTD	34	1677	131	452	169	9078	553	6662	654	7727

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	2	48	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	15	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	1	28	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	127	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	24	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	5	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	2	0	0	0	0	0	0
4000	4	156	0	0	4	3	0	0	0	0
5000	0	0	138	17	420	158	0	0	0	0
CUT MO	4	156	141	152	428	252	2	24	0	0
CUT YTD	104	9909	678	2687	1737	3386	54	122	8	106
1011	0	0	0	2	0	6	0	0	0	0
3568	0	0	5	17	0	0	0	0	0	0
3569	0	0	15	16	4	2	0	0	0	0
3571	0	0	0	0	1	20	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	37	0	0	0	0	0	0
3578	0	0	3	53	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	34	1	32	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	660	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	0	0	25	157	7	718	0	0	0	0
FRM YTD	16	7148	72	1990	382	3961	106	111	0	0
TOT MO	4	156	166	309	435	970	2	24	0	0
TOT YTD	120	17057	750	4677	2119	7347	160	233	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	2	105
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	1	10
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	1	40	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	10	6	1	25
5000	0	0	13	26	0	0
CUT MO.	1	40	23	32	4	141
CUT YTD	91	246	262	615	167	559
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	2	136	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	1	185
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO	2	136	0	0	1	185
FRM YTD	5	289	63	812	13	442
TOT MO.	3	176	23	32	5	326
TOT YTD	96	535	325	1426	180	1000

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
OCTOBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	4	190	0	0	4	190
CYPRUS	2	3	0	0	2	3
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	0	6	0	6
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	1	0	1
HUNGARY	1	7	0	0	1	7
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	237	71	0	11	237	82
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	244	271	0	19	244	289
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	1	6	1	6
COSTA RICA	56	10	0	0	56	10
DOMINICAN REP.	7	51	1	28	8	78
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	4	41	0	0	4	41
SALVADOR	35	7	0	0	35	7
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	102	108	2	34	104	141
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	8	177	1	13	9	190
ECUADOR	0	0	0	10	0	10
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	4	100	0	5	4	105
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	12	277	1	28	13	305
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	8	71	8	71
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	2	71	2	71
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	1	127	0	0	1	127
SYRIA	0	0	0	0	0	0
THAILAND	140	25	15	16	155	40
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	141	152	25	157	166	309
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	185	1	185
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	1	10	0	0	1	10
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	3	130	0	0	3	130
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	4	141	1	185	5	326

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'O-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

2/10/87 A8050-3 A

REPORT

Statistical

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REPORT NO. 20-87
February 6, 1987

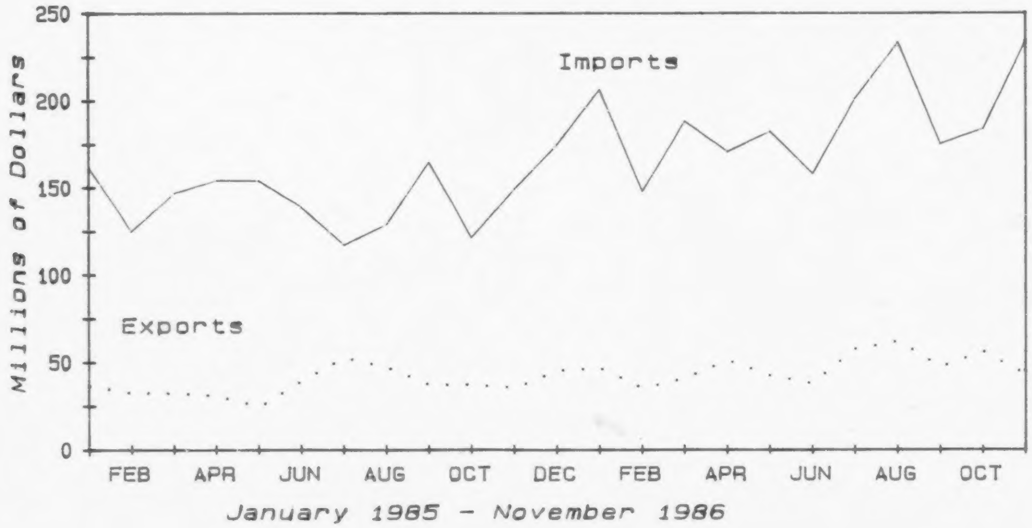
U.S. FOREIGN TRADE IN MACHINE TOOLS
November 1986

U.S. foreign trade in machine tools during November 1986 produced a trade deficit of $191.3 million for the month, bringing the total deficit for eleven months to $1,561.3 million. Compared to October 1986, U.S. exports declined 24% as imports increased 27%. Year-to-date machine tool exports of $521.2 million were 28% above the first eleven months of 1985. U.S. imports gained 33% from the same period last year and stood at $2,082.5 million.

U.S. Machine Tool Trade
($Millions)

	November 1986			Eleven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 27.8	$173.0	($145.2)	$323.2	$1,535.7	($1,212.5)
Metal Forming	$ 15.0	$ 61.1	($ 46.1)	$198.0	$ 546.8	($ 348.8)
Total	$ 42.8	$234.1	($191.3)	$521.2	$2,082.5	($1,561.3)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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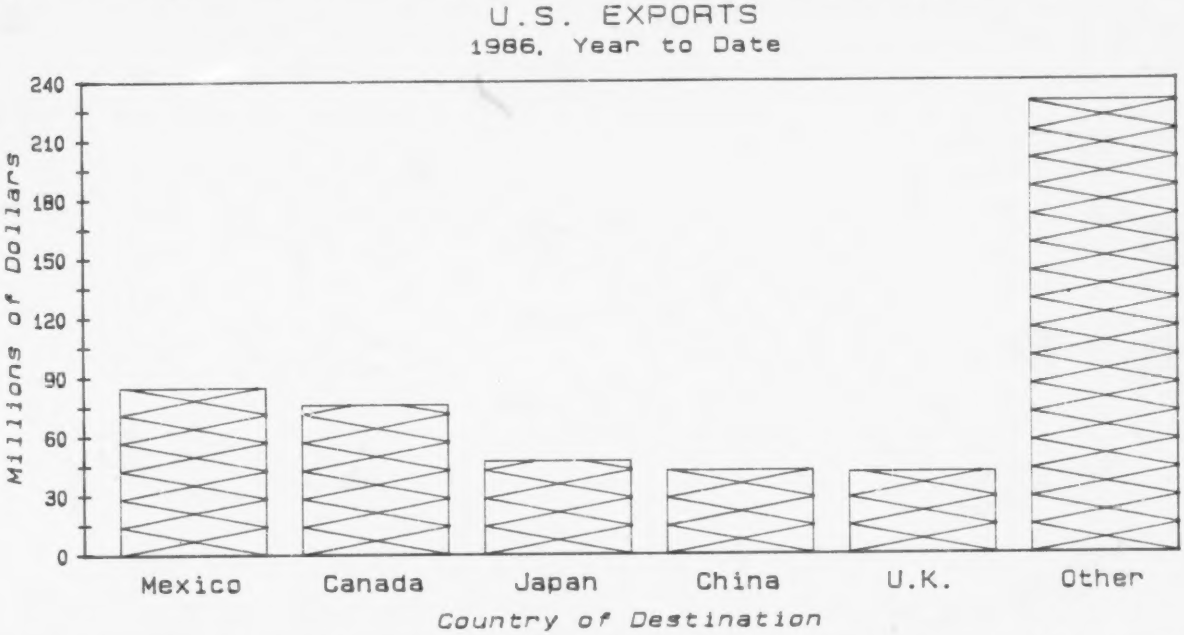
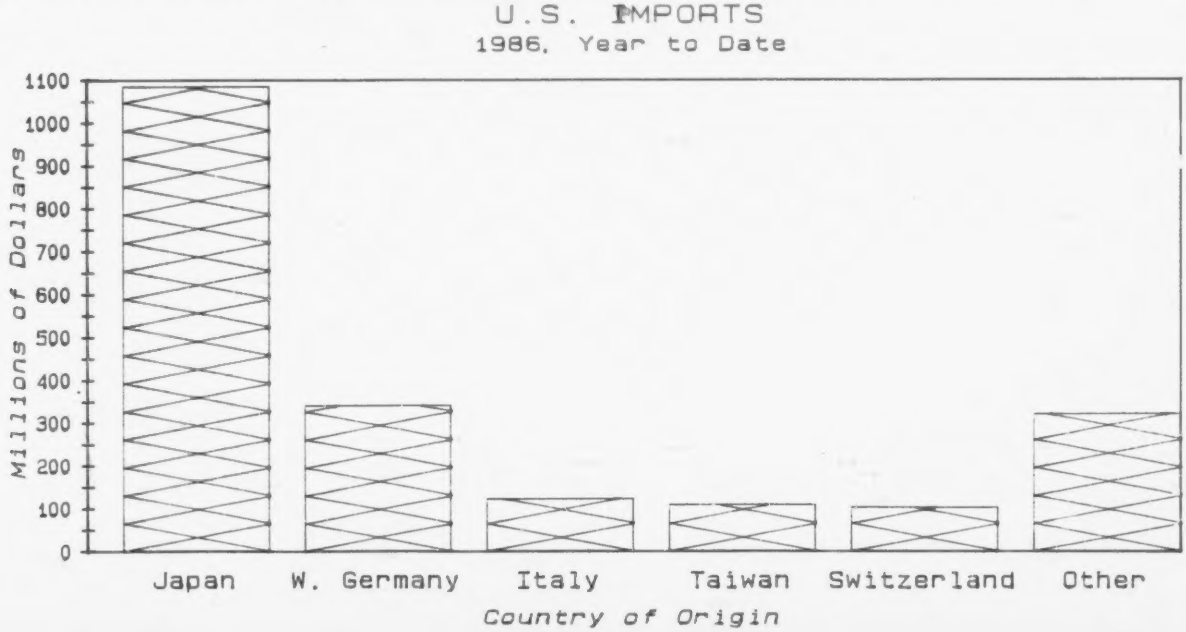
Compared to October, U.S. Exports of metal cutting machine tools in November decreased 15%. This left the eleven month total for 1986 26% above last year's level. While exports of metal forming machines dropped 37% from October, the year-to-date total was 31% above the first eleven months of 1985. For January through November 1986, the leading export markets were (in millions): Mexico ($84.9), Canada ($76.1), Japan ($47.5), China ($42.3) and the United Kingdom ($41.3).



U.S. Imports of metal cutting machine tools in November were 51% above October's level. Metal forming imports, however, decreased 12%. Compared to the first eleven months of 1985, imports of metal cutting machinery increased 23% with metal forming imports rising 73%. The leading exporters to the U.S. during the first eleven months of 1986 were (in millions): Japan ($1,084.4), West Germany ($341.2), Italy ($123.9), Taiwan ($108.9) and Switzerland ($102.6).



ES, I1, I2

A8050-3

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

RELEASED: FEBRUARY 6, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	71	8948	0	0
3035	Gear Shapers	4	668	0	0
3045	Gear Cutting Machines, N.E.C.	20	3066	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2050	158276	185	15221
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	308	29737	23	3095
3409	Horizontal Machining Centers, ATC, NC	673	84479	94	12226
3411	Machining Centers, NC, N.E.C.	716	61552	73	6313
3412	Single Station and Multi-Station Transfer Machines	91	32446	4	2166
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	1217	1	246
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	42	9031	3	1551
3419	Vertical Boring-Drilling-Milling Machines, NC	210	17180	25	2461
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683	1	15
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2685	22	215
3328	Drilling Machines, NC	133	10275	14	992
3329	Drilling Machines, Multi-Spindle, Non-NC	47	4090	4	143
3334	Drilling Machines, Radial, Non-NC	227	1881	16	178
3336	Drilling Machines, Upright, Single Spindle, Non-NC	92	573	20	91
3342	Drilling Machines, Non-NC, N.E.C.	678	19315	26	1332
3464	Milling Machines, NC	762	53878	54	3181
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214	0	0
3467	Milling Machines, Knee Type, Non-NC	3328	18850	268	1660
3468	Milling Machines, Bed Type, Non-NC	312	5537	45	596
3469	Milling Machines, Non-NC, N.E.C.	1704	26788	182	3803
3476	Vertical Boring Machines, Incl. VTL's, NC	76	10477	3	303
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	168	4188	11	162
3481	Boring Machines, NC, N.E.C.	25	10513	2	307
3483	Boring Machines, Non-NC N.E.C.	498	55852	23	1711
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214	6	332
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3493	141981	540	20908
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	834	58526	71	5890
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	272	20611	18	2992
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3713	30623	352	3120
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	109	3393	13	343
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	124	11570	2	151
3515	Automatic Bar Machines, Single Spindle, Non-NC	46	1195	6	327
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	19	3046	2	284
3518	Horizontal Lathes, Non-NC, N.E.C.	219	9458	7	428
3505	Vertical Lathes, Multi-Spindle, NC	162	11523	49	1572
3519	Vertical Lathes, NSPF, NC	431	27288	27	2037
3522	Vertical Lathes, Excl. VTL's, Non-NC	1491	31073	128	1948
3527	Gear Tooth Grinding & Finishing Machines	447	18998	39	5435
3528	Tool & Cutter Grinding Machines, NC	92	4019	8	234
3529	Tool & Cutter Grinding Machines, Non-NC	1176	19110	76	1145
3533	Honing & Lapping Machines	208	12928	12	1018
3539	Grinding Machines, Flat Surface, NC	47	7059	4	366
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	397	5763	21	214
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1500	27816	227	3392
3546	Grinding & Polishing Machines, NC, N.E.C.	109	12355	10	1989
3554	External Grinding Machines, Non-NC	785	18074	29	1276
3556	Internal Grinding Machines, Non-NC	100	4484	15	290
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	188	8819	21	1135
3559	Grinding Machines, Non-NC, N.E.C.	1618	54243	130	4532
3562	Traveling Wire Electrical Discharge Machines	820	54842	76	5081
3564	All Other Electrical Discharge Machines	519	23234	36	2303
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	56	4685	2	682
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	193	5440	3	1688
3576	Metal Cutting Machines Tools, NC, N.E.C.	178	90879	46	26106
3577	Sawing & Cut-Off Machines, Non-NC	1848	27012	209	3359
3578	Broaching Machines, Non-NC	67	1737	3	50
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1039	25575	104	1710
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5643	24182	210	1642
5000	Metal Cutting Machine Tools, Less Than $2500**	795448	95431	152862	11095
	TOTAL CUTTING			156467	173051
	TOTAL CUTTING YTD	835800	1535710		
674:	METAL FORMING				
1010	Die Casting Machines	694	27365	[illegible]	320
3582	Metal Forming Machine Tools, Used or Rebuilt	432	7195	70	843
3583	Metal Forming Machine Tools, Less Than $2500	22668	9392	2519	981
3584	Punching and Shearing Machines, Incl. Combination, NC	452	52789	18	2718
3586	Shearing Machines, Non-NC	1003	19617	77	1369
3587	Punching & Combination Punching & Shearing Machines, Non-NC	638	11323	20	272
3588	Bending, Folding, Straightening & Flattening Machines, NC	382	34647	23	1384
3589	Press Brakes, Non-NC	1039	29219	51	1839
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	198	2678	3	44
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1247	33086	136	2287
3593	Metal Forming Machine Tools, NC, N.E.C.	51	3807	13	570
3594	Mechanical Presses, Non-NC	365	51290	74	8220
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	83	7622	6	258
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2817	158116	1952	33221
3597	Headers & Upsetters, Non-NC	106	7930	4	274
3598	Forging Machines, Non-NC, N.E.C.	133	9534	9	1671
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2054	81139	251	4812
	TOTAL FORMING			5269	61085
	TOTAL FORMING YTD	34362	546789		
	TOTAL ALL TYPES			161736	234136
	TOTAL ALL TYPES YTD	870162	2082499		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	4	138
3328	0	0	0	0	0	0	0	0	1	140
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	4	251
3464	0	0	0	0	0	0	0	0	13	527
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	11	104	0	0	0	0	3	851	4	1185
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	10	77
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	8	95
3504	0	0	0	0	0	0	0	0	2	12
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	5
3512	18	176	0	0	0	0	0	0	4	278
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	5	72	0	0	0	0	0	0	0	0
3522	5	47	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	8	234
3529	0	0	0	0	0	0	0	0	1	9
3533	0	0	0	0	0	0	1	12	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	16	155
3543	0	0	0	0	0	0	1	43	6	165
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	10	49
3558	0	0	0	0	0	0	0	0	11	49
3559	5	26	0	0	28	150	1	30	11	57
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	2	9	0	0	0	0	9	56
3578	0	0	0	0	0	0	1	11	0	0
3579	0	0	0	0	0	0	3	20	9	76
4000	13	75	0	0	1	6	1	15	6	268
5000	598	161	0	0	106	46	188	77	289	57
CUT MO.	655	660	2	9	135	202	199	1059	427	3884
CUT YTD	4166	6101	804	2972	717	2339	5048	23897	8134	87495
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	2	6
3583	1	2	11	13	2	3	39	54	157	41
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	23	0	0	0	0	8	169
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	29	3	168
3589	0	0	9	254	0	0	1	66	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	2	22	4	16	0	0	5	455	9	363
3593	0	0	0	0	0	0	0	0	1	24
3594	0	0	0	0	0	0	0	0	1	3
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	931	0	0	0	0	1	484
3599	0	0	1	5	0	0	11	130	7	237
FRM MO	3	24	27	1242	2	3	57	733	189	1497
FRM YTD	359	921	583	9216	107	1594	899	9194	3191	36376
TOT MO	658	683	29	1252	137	205	256	1792	616	5380
TOT YTD	4525	7022	1387	12188	824	3933	5947	33091	11325	123871

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	1	41	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	9	542	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	246	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	1022
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	6	51	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	5	30	0	0	0	0	4	610
3464	0	0	0	0	12	149	1	20	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	108	710	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	1	91	1	10
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	1	205
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	2	91	0	0	0	[illegible]
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	1	47
3518	0	0	0	0	0	0	0	0	2	133
3505	0	0	0	0	0	0	1	201	1	156
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	1	53	0	0	0	0
3527	0	0	0	0	0	0	0	0	5	357
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	3	1	173
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	3	938
3554	9	41	0	0	0	0	0	0	6	441
3556	0	0	0	0	0	0	0	0	2	213
3558	3	53	0	0	0	0	0	0	5	1001
3559	6	293	0	0	0	0	3	17	7	597
3562	0	0	0	0	0	0	0	0	31	3271
3564	0	0	0	0	0	0	0	0	4	337
3567	0	0	0	0	0	0	1	482	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	131
3577	7	29	0	0	1	3	0	0	6	515
3578	0	0	0	0	0	0	0	0	0	0
3579	3	93	0	0	16	132	2	109	1	222
4000	0	0	0	0	0	0	4	16	3	52
5000	58	113	34	57	25	55	109	49	25	21
CUT MO.	87	663	39	86	171	1244	133	1775	113	10453
CUT YTD	1381	16764	324	721	2333	17327	2557	10077	2898	85498
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	4	7
3583	107	74	23	32	0	0	57	109	17	5
3584	0	0	0	0	0	0	0	0	4	770
3586	0	0	1	23	14	134	4	61	0	0
3587	0	0	1	4	1	64	12	131	0	0
3588	0	0	0	0	0	0	0	0	6	505
3589	0	0	3	29	0	0	0	0	0	0
3591	0	0	0	0	0	0	1	28	0	0
3592	0	0	0	0	0	0	8	232	5	94
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	2	28	0	0
3596	0	0	0	0	1	100	0	0	0	0
3597	0	0	0	0	0	0	0	0	1	107
3598	0	0	0	0	1	18	0	0	0	0
3599	16	235	0	0	1	80	3	1181	1	251
FRM MO	123	309	28	88	18	396	87	1770	38	1737
FRM YTD	639	2358	108	1586	367	3443	605	11215	879	17133
TOT MO	210	972	67	174	189	1639	220	3546	151	12190
TOT YTD	2020	19122	432	2306	2700	20770	3162	21291	3777	102631

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	5	199	1	124	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	6	279	0	0	0	0	0	0	0	0
3411	1	146	10	1600	0	0	1	81	0	0
3412	0	0	1	466	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	1271	0	0	0	0	0	0
3419	0	0	22	1200	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	13	11	5	66	0	0	0	0	0	0
3328	0	0	1	159	0	0	0	0	0	0
3329	0	0	2	97	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	4	27	0	0	0	0	0	0
3342	1	3	0	0	0	0	2	15	0	0
3464	3	96	2	1670	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	45	390	0	0	0	0	0	0	0	0
3468	7	42	2	95	0	0	0	0	0	0
3469	32	255	17	746	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	38	5	392	1	90	5	966	0	0
3504	0	0	0	0	0	0	1	43	0	0
3506	65	507	10	696	0	0	0	0	9	283
3508	9	732	2	547	0	0	0	0	1	16
3510	0	0	10	1760	0	0	0	0	0	0
3512	49	366	0	0	0	0	4	173	3	32
3513	0	0	2	90	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	28	0	0	0	0	0	0
3516	0	0	1	237	0	0	0	0	0	0
3518	0	0	1	9	0	0	0	0	0	0
3505	0	0	1	357	0	0	0	0	0	0
3519	0	0	1	322	0	0	0	0	0	0
3522	12	444	3	80	0	0	5	200	24	95
3527	1	3	32	4969	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	12	94	26	479	4	37	5	104	0	0
3533	1	21	5	688	0	0	0	0	0	0
3539	0	0	3	331	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	22	1300	26	505	0	0	16	84	0	0
3546	0	0	1	444	0	0	0	0	0	0
3554	0	0	3	444	0	0	0	0	0	0
3556	1	19	0	0	0	0	0	0	0	0
3558	1	25	0	0	0	0	0	0	0	0
3559	37	216	15	1669	0	0	5	1221	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	41	4	546	0	0	0	0	0	0
3567	1	200	0	0	0	0	0	0	0	0
3571	1	11	1	1660	0	0	0	0	0	0
3576	0	0	4	624	0	0	0	0	0	0
3577	23	153	40	219	4	39	13	155	0	0
3578	0	0	1	13	0	0	0	0	0	0
3579	8	359	10	105	0	0	37	254	0	0
4000	23	206	25	266	0	0	8	26	13	84
5000	4655	530	16021	1603	16	33	449	241	1	1
CUT MO.	5036	6683	16324	26603	25	200	551	3562	51	512
CUT YTD	14130	71183	138756	257079	574	4167	6463	22716	845	4049
1010	0	0	0	0	0	0	8	35	0	0
3582	4	91	1	177	0	0	7	38	0	0
3583	9	6	165	118	0	0	15	8	0	0
3584	0	0	2	745	0	0	0	0	0	0
3586	4	110	11	260	0	0	2	36	0	0
3587	0	0	5	70	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	11	0	0
3589	4	37	2	85	0	0	10	182	0	0
3591	1	3	0	0	0	0	0	0	0	0
3592	3	35	21	266	0	0	48	552	0	0
3593	0	0	5	284	0	0	0	0	0	0
3594	0	0	33	2189	0	0	1	6	2	1445
3595	1	3	1	166	0	0	1	38	0	0
3596	2	163	32	1013	0	0	1	56	0	0
3597	0	0	1	28	0	0	0	0	0	0
3598	1	73	5	163	0	0	0	0	0	0
3599	13	260	160	1173	0	0	22	700	1	4
FRM MO	42	782	444	6737	0	0	116	1661	3	1449
FRM YTD	917	21031	5291	84117	3	299	1859	27694	38	14952
TOT MO.	5078	7465	16768	33340	25	200	667	5223	54	1962
TOT YTD	15047	92214	144047	341197	577	4465	8322	50411	883	19001

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	167	14266	1	52	2	107
3406	0	0	0	0	20	2933	0	0	0	0
3409	0	0	0	0	77	11557	0	0	0	0
3411	0	0	0	0	31	3110	0	0	0	0
3412	0	0	0	0	3	1700	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	280	0	0	0	0
3419	0	0	0	0	1	239	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	5	382	0	0	0	0
3329	0	0	0	0	2	46	0	0	0	0
3334	1	5	0	0	6	106	0	0	0	0
3336	1	4	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	333	0	0	0	0
3464	0	0	0	0	10	468	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	21	92	0	0	2	196	0	0	0	0
3476	0	0	0	0	3	303	0	0	0	0
3477	0	0	0	0	1	85	0	0	0	0
3481	0	0	0	0	2	307	0	0	0	0
3483	0	0	0	0	3	131	0	0	0	0
3504	0	0	0	0	3	277	0	0	0	0
3506	0	0	0	0	379	18598	29	411	13	169
3508	0	0	0	0	55	4377	0	0	0	0
3510	0	0	0	0	7	1227	0	0	0	0
3512	1	5	0	0	6	209	13	79	44	404
3513	0	0	0	0	3	128	0	0	0	0
3514	0	0	0	0	2	151	0	0	0	0
3515	0	0	0	0	4	299	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	3	277	0	0	0	0
3505	0	0	0	0	45	802	0	0	0	0
3519	0	0	0	0	18	1512	0	0	0	0
3522	3	75	0	0	24	726	0	0	0	0
3527	0	0	0	0	1	106	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	14	165	0	0	2	12
3533	0	0	0	0	5	297	0	0	0	0
3539	0	0	0	0	1	35	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	50	758	0	0	2	43
3546	0	0	0	0	6	607	0	0	0	0
3554	0	0	0	0	3	300	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	4	10	5	231	0	0	0	0
3562	0	0	0	0	45	1810	0	0	0	0
3564	0	0	0	0	21	1349	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	1	17	0	0	0	0
3576	0	0	0	0	40	25351	0	0	0	0
3577	0	0	1	57	77	1974	0	0	0	0
3578	0	0	0	0	1	26	0	0	0	0
3579	0	0	0	0	11	184	0	0	2	137
4000	0	0	0	0	11	278	0	0	0	0
5000	0	0	0	0	4916	998	44	68	1	2
CUT MO.	27	181	5	67	6095	99511	87	610	66	872
CUT YTD	2184	2805	191	1703	142917	789678	841	9312	701	6464
1010	0	0	0	0	35	285	0	0	0	0
3582	0	0	0	0	52	525	0	0	0	0
3583	248	7	0	0	1175	361	0	0	0	0
3584	0	0	0	0	12	1203	0	0	0	0
3586	0	0	3	52	26	466	0	0	0	0
3587	0	0	0	0	0	0	1	5	0	0
3588	0	0	0	0	12	671	0	0	0	0
3589	0	0	0	0	21	1169	0	0	0	0
3591	0	0	0	0	1	13	0	0	0	0
3592	0	0	0	0	11	102	0	0	0	0
3593	0	0	0	0	7	262	0	0	0	0
3594	0	0	0	0	36	4566	0	0	0	0
3595	1	23	0	0	0	0	0	0	0	0
3596	0	0	0	0	1913	31752	0	0	0	0
3597	0	0	0	0	2	140	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	9	439	0	0	0	0
FRM MO	249	30	3	52	3312	41952	1	5	0	0
FRM YTD	265	32	45	955	9721	294762	17	65	50	444
TOT MO.	276	210	8	118	9407	141463	88	614	66	872
TOT YTD	2449	2837	236	2658	152638	1084440	858	9377	751	6909

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	12	432	0	0	0	0
3406	3	162	0	0	0	0
3409	11	389	0	0	0	0
3411	21	833	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	1	15
3423	0	0	0	0	0	0
3328	7	311	0	0	0	0
3329	0	0	0	0	0	0
3334	3	16	0	0	0	0
3336	12	40	0	0	3	20
3342	6	91	0	0	0	0
3464	13	250	0	0	0	0
3466	0	0	0	0	0	0
3467	115	560	0	0	0	0
3468	36	459	0	0	0	0
3469	88	260	0	0	2	14
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	35	244	0	0	0	0
3508	3	13	0	0	0	0
3510	0	0	0	0	0	0
3512	184	1061	0	0	24	247
3513	8	125	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	8	0	0	0	0
3505	1	56	0	0	0	0
3519	1	30	0	0	2	100
3522	48	217	0	0	3	12
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	10	69	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	5	59	0	0	0	0
3543	104	494	0	0	0	0
3546	0	0	0	0	0	0
3554	5	31	0	0	3	19
3556	2	10	0	0	0	0
3558	1	7	0	0	0	0
3559	3	16	0	0	0	0
3562	0	0	0	0	0	0
3564	6	30	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	26	150	0	0	0	0
3578	0	0	0	0	0	0
3579	2	19	0	0	0	0
4000	99	314	0	0	3	36
5000	124997	6964	0	0	330	20
CUT MO	125868	13720	0	0	371	483
CUT YTD	496422	105874	515	717	2899	6646
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	472	113	1	2	20	34
3584	0	0	0	0	0	0
3586	1	11	0	0	2	24
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	1	17	0	0	0	0
3591	0	0	0	0	0	0
3592	9	96	0	0	11	56
3593	0	0	0	0	0	0
3594	1	10	0	0	0	0
3595	0	0	0	0	0	0
3596	2	128	0	0	1	9
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	6	117	0	0	0	0
FRM MO	492	491	1	2	34	123
FRM YTD	7468	3003	34	321	917	6037
TOT MO	126360	14211	1	2	405	606
TOT YTD	503890	108877	549	1038	3816	12683

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	5	61	1	9	6	70
EAST GERMANY	3	17	0	0	3	17
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	3	20	0	0	3	20
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0
POLAND	72	225	0	0	72	225
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	83	323	1	9	84	332
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	2	33	22	48	24	81
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	2	33	22	48	24	81
OTHER SOUTH AMERICA						
ARGENTINA	3	109	0	0	3	109
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	3	109	0	0	3	109
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	3	1	0	0	3	1
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	280	17	0	0	280	17
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	283	18	0	0	283	18
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	11	66	11	66
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	11	66	11	66

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES

A8050-3

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

RELEASED: FEBRUARY 6, 1987

674: METAL CUTTING		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
3020	Gear Hobbers & Shapers	65	4168	3	434
3045	Gear Cutting Machines, N.E.C.	86	19525	2	308
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	13	1328	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	23	5652	4	944
3211	Machining Centers, NC, N.E.C.	68	6190	1	283
3216	Single Station and Multi-Station Transfer Machines	43	32129	3	1786
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	3113	1	226
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	24	1878	1	147
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	10	1210	5	514
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	34	3285	4	82
3254	Drilling Machines, NC	19	2013	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	46	8370	10	522
3256	Drilling Machines, Radial, Non-NC	27	498	14	357
3257	Drilling Machines, Upright, Single Spindle, Non-NC	11	222	1	20
3258	Drilling Machines, Non-NC, N.E.C.	156	3712	1	66
3264	Milling Machines, NC	30	9286	3	2863
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	46	4124	2	704
3267	Milling Machines, Knee Type, Non-NC	7	468	1	29
3268	Milling Machines, Bed Type, Non-NC	10	2776	1	57
3269	Milling Machines, Non-NC, N.E.C.	99	6400	12	1501
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	300	18282	62	2638
3281	Boring Machines, NC, N.E.C.	6	1728	0	0
3283	Boring Machines, Non-NC, N.E.C.	71	4300	10	926
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	118	9009	10	575
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	21	2996	0	0
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	8	1383	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	66	1089	0	0
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	10	1743	1	47
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	13	578	4	170
3515	Automatic Bar Machines, Single-Spindle, Non-NC	27	1018	3	88
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	843	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	1348	20224	168	3053
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	12	2986	2	500
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	30	2617	2	140
3525	Vertical Lathes, Excl. VTLs, Non-NC	137	7876	4	151
3528	Grinding, Polishing, Honing & Lapping Machines, NC	69	8305	3	1424
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	47	5400	4	428
3531	Tool & Cutter Grinding Machines, Non-NC	145	4638	7	34
3532	Honing & Lapping Machines, Non-NC	232	7701	30	293
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	48	1234	7	192
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	173	12827	11	453
3541	External Grinding Machines, Non-NC	26	2621	0	0
3542	Internal Grinding Machines, Non-NC	8	1356	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	150	6810	11	383
3546	Grinding Machines, Non-NC, N.E.C.	198	4434	13	199
3547	Traveling Wire Electrical Discharge Machines	6	296	0	0
3549	All Other Electrical Discharge Machines	95	1861	1	3
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511	1	45
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	30	1029	2	60
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213	0	0
3565	Sawing & Cut-Off Machines, Non-NC	412	7949	36	837
3566	Broaching Machines, Non-NC	8	582	3	27
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	181	6754	11	837
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2835	30750	232	1809
5000	Metal Cutting Machine Tools, Less Than $2500**	33862	12213	3635	1144
	TOTAL CUTTING			4342	27805
	TOTAL CUTTING YTD	41602	323207		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	17112	0	1122
3568	Metal Forming Machine Tools, Used Or Rebuilt	839	6899	47	303
3569	Metal Forming Machine Tools, Less Than $2500	3726	2514	225	151
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415	4	544
3573	Shearing Machines, Non-NC	62	1458	9	248
3575	Punching & Combination Punching & Shearing Machines, Non-NC	427	14507	63	2793
3578	Bending, Folding, Straightening & Flattening Machines, NC	117	5413	6	1522
3582	Press Brakes, Non-NC	96	4154	12	571
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	18	1328	1	230
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	429	20197	38	1168
3588	Mechanical Presses, Non-NC	150	11175	12	610
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	45	8606	8	233
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	636	34689	46	2009
3594	Headers & Upsetters, Non-NC	62	10342	4	679
3595	Forging Machines, Non-NC, N.E.C.	92	6931	4	185
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	622	48217	95	2579
	TOTAL FORMING			574	14950
	TOTAL FORMING YTD	7361	197990		
	TOTAL ALL TYPES			4916	42755
	TOTAL ALL TYPES YTD	48963	521197		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	46	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	38	2301	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	6	71	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	12	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	233	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	20
4000	1	18	0	0	0	0	0	0	1	5
5000	0	0	10	42	0	0	4	8	1	2
CUT MO.	2	64	68	2342	0	0	13	324	3	26
CUT YTD	25	361	904	17257	6	213	2758	3951	36	931
1011	0	4	0	0	0	0	0	0	0	0
3568	0	0	0	0	1	9	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	1	32	0	0	0	0	6	19	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	10	477	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	74	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	2	228
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	35	10	477	1	9	8	93	2	228
FRM YTD	12	645	108	2612	8	90	211	5885	70	1241
TOT MO.	3	99	78	2819	1	9	21	417	5	254
TOT YTD	37	1006	1012	19869	14	303	2969	9836	106	2172

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	22	315	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	5	50	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	7	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	1	146	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	5	34	1	22	0	0
5000	0	0	21	15	0	0	76	97	0	0
CUT MO.	6	57	43	329	6	180	77	119	0	0
CUT YTD	740	5117	250	2141	7	410	1091	1938	503	2010
1011	0	122	0	28	0	0	0	0	0	0
3568	0	0	0	0	1	6	0	0	0	0
3569	0	0	2	1	0	0	0	0	14	6
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	62	0	0	0	0	2	119	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	3	162	0	0	0	0	0	0
3594	2	594	0	0	0	0	0	0	0	0
3595	1	126	0	0	0	0	0	0	0	0
3598	0	0	1	4	0	0	0	0	0	0
FRM MO.	5	904	6	195	1	6	2	119	14	6
FRM YTD	46	9759	62	776	8	307	26	921	27	1741
TOT MO.	11	961	49	525	7	185	79	237	14	6
TOT YTD	786	14876	312	2917	15	717	1117	2860	530	3751

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	276	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	597	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	142	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	2	792	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	147	0	0	0	0	0	0
3248	0	0	0	0	0	0	3	321	0	0
3249	0	0	1	15	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	14	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	1	47	0	0	0	0	0	0
3512	2	71	0	0	0	0	2	99	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	9	0	0
3521	0	0	0	0	0	0	2	500	0	0
3523	1	47	0	0	0	0	0	0	0	0
3525	0	0	1	31	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	2	213	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	2	8	0	0	0	0	15	171	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	89	0	0	1	72	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	287	2	23	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	10	0	0	1	26	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	21	0	0	0	0	0	0
4000	0	0	3	11	0	0	5	84	0	0
5000	555	78	884	131	0	0	134	92	0	0
CUT MO.	562	490	901	1807	0	0	167	2127	0	0
CUT YTD	1570	4519	2737	34297	6	1024	1471	14282	56	1133
1011	0	0	0	20	0	0	0	165	0	0
3568	0	0	0	0	0	0	7	55	0	0
3569	0	0	16	4	0	0	20	11	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	81	0	0
3578	0	0	0	0	0	0	3	559	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	46	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	25	0	0	0	0	0	0	0	0
3595	0	0	3	59	0	0	0	0	0	0
3598	0	0	54	1739	0	0	0	0	0	0
FRM MO	1	25	73	1822	0	0	34	917	0	0
FRM YTD	43	1324	223	7021	1	240	394	15382	3	482
TOT MO.	563	515	974	3628	0	0	201	3044	0	0
TOT YTD	1613	5843	2960	41318	7	1264	1865	29664	59	1615

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	138	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	578	1	85	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	1	995	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	226	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	1	134	0	0	0	0	0	0
3249	0	0	2	22	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	4	350	2	95	0	0	0	0
3256	0	0	0	0	1	6	0	0	0	0
3257	0	0	0	0	1	20	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	1	180	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	1	29	0	0	0	0	0	0
3268	0	0	1	57	0	0	0	0	0	0
3269	0	0	0	0	3	308	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	10	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	858	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	72	1	75	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	14	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	158	2730	0	0	1	69
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	22	2	7	1	2	0	0
3532	0	0	3	29	4	15	0	0	0	0
3533	0	0	1	73	1	3	1	9	0	0
3538	0	0	0	0	4	245	2	17	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	4	36	0	0	0	0	3	37
3546	0	0	0	0	6	113	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	3	0	0	0	0	0	0	0	0
3551	1	45	0	0	0	0	0	0	0	0
3553	0	0	0	0	2	60	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	15	129	13	215	1	5	0	0
3566	0	0	2	14	0	0	0	0	0	0
3567	0	0	0	0	8	622	0	0	0	0
4000	1	39	17	95	128	706	15	74	8	66
5000	39	11	321	246	65	64	6	10	1	1
CUT MO.	42	98	382	2441	405	7229	26	115	13	173
CUT YTD	503	1731	6736	38633	3925	57914	616	1688	133	535
1011	0	4	0	163	0	105	0	0	0	0
3568	0	0	1	56	12	44	0	0	0	0
3569	0	0	130	82	18	29	2	4	8	3
3571	0	0	2	352	0	0	0	0	0	0
3573	0	0	1	101	1	96	0	0	0	0
3575	0	0	11	429	21	651	1	3	0	0
3578	1	559	1	13	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	45	7	78	11	412	0	0	0	0
3588	0	0	0	0	6	282	0	0	0	0
3589	0	0	1	44	7	190	0	0	0	0
3590	0	0	3	697	21	361	0	0	0	0
3594	0	0	0	0	1	60	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	21	619	6	78	0	0	0	0
FRM MO.	3	608	178	2633	104	2306	3	7	8	3
FRM YTD	47	1520	2239	37442	1901	26949	62	547	14	383
TOT MO.	45	705	560	5075	509	9536	29	122	21	176
TOT YTD	550	3251	8975	76076	5826	84863	678	2234	147	918

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	283
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	66	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	1	1355
3266	0	0	0	0	0	0	0	0	2	704
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	8	1184
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	7	1	30
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	57	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	1084
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	11	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	16	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	3	0	0
3566	0	0	0	0	0	0	1	13	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	128	2	7	11	42	1	1	0	0
5000	0	0	0	0	65	61	12	16	0	0
CUT MO.	6	261	2	7	77	118	17	39	14	4640
CUT YTD	169	10466	101	1300	1258	2190	443	1112	623	27516
1011	0	61	0	0	0	2	0	0	0	43
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	5	4	1	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	36	0	0	16	845	0	0	4	368
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	211	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	2	295	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	40
FRM MO.	6	603	0	0	21	851	1	2	5	451
FRM YTD	36	2156	37	293	122	2849	47	593	102	14806
TOT MO.	12	864	2	7	98	969	18	41	19	5091
TOT YTD	205	12621	138	1593	1380	5039	490	1706	725	42322

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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	211	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	140	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	1	1329
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	17
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	7	300
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	74	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	169	1	24	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	2	340	0	0
3529	0	0	0	0	0	0	1	69	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	4	108	0	0
3538	0	0	0	0	0	0	1	8	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	3	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	199	1	18
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	10	146	3	182	14	82
5000	0	0	0	0	21	30	825	108	304	16
CUT MO.	0	0	1	74	32	345	841	1391	329	1761
CUT YTD	1019	1875	556	7490	1496	2182	6203	32660	961	17767
1011	0	40	0	5	0	0	0	3	0	74
3568	0	0	0	0	0	0	1	19	0	0
3569	0	0	0	0	6	1	0	0	0	0
3571	1	42	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	51	0	0
3578	0	0	0	0	0	0	1	392	0	0
3582	0	0	0	0	0	0	0	0	2	94
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	108	2	119
3588	0	0	0	0	1	54	1	31	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	64	2	34	11	155
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	10	41	2	59
FRM MO.	1	82	0	5	8	119	19	679	17	500
FRM YTD	22	253	49	2063	94	2512	300	14807	99	10372
TOT MO.	1	82	1	79	40	463	860	2070	346	2262
TOT YTD	1041	2127	605	9552	1590	4694	6503	47467	1060	28138

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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	1	20
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	1	60
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	4	77
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	127
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	1	93	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	4
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	12
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	175
4000	0	0	0	0	0	0	0	0	1	6
5000	0	0	0	0	12	14	26	11	22	7
CUT MO.	0	0	0	0	12	14	27	104	33	489
CUT YTD	34	1677	108	269	136	376	461	3947	625	3964
1011	0	0	0	3	0	0	0	64	0	20
3568	0	0	0	0	3	73	0	0	21	42
3569	0	0	2	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	73	0	0	1	9	1	95
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	2	33	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	0	4	79	3	73	3	105	22	157
FRM YTD	0	0	27	263	48	8789	122	2924	84	4410
TOT MO.	0	0	4	79	15	87	30	209	55	646
TOT YTD	34	1677	135	532	184	9165	583	6871	709	8373

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	13	351	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	10	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	9	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	63	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	34	3	21	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	2	48	0	0	0	0
5000	0	0	10	19	117	43	0	0	0	0
CUT MO.	0	0	24	380	123	196	3	21	0	0
CUT YTD	104	9909	702	3067	1860	3582	57	143	8	106
1011	0	0	0	173	0	10	0	5	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	1	2	0	0	0	0	0	0
3571	0	0	0	0	1	150	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	1	230	0	0
3584	0	0	0	0	4	90	1	15	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	13	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	0	1	174	6	262	2	260	0	0
FRM YTD	16	7148	73	2164	388	4223	108	371	0	0
TOT MO.	0	0	25	554	129	458	5	281	0	0
TOT YTD	120	17057	775	5231	2248	7805	165	514	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	1	16
5000	0	0	84	23	0	0
CUT MO.	0	0	84	23	1	16
CUT YTD	91	246	346	638	168	574
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	1	153	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	1	153	0	0	0	0
FRM YTD	6	442	63	812	13	442
TOT MO.	1	153	84	23	1	16
TOT YTD	97	688	409	1450	181	1016

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
NOVEMBER 1986

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	1	559	1	559
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	45	0	0	1	45
GIBRALTAR	0	0	0	0	0	0
GREECE	5	11	0	4	5	14
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	36	43	2	45	38	88
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	42	98	3	608	45	705

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	3	7	3	7
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	2	4	0	0	2	4
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	7	24	0	0	7	24
HAITI	1	2	0	0	1	2
HONDURAS	5	32	0	0	5	32
JAMAICA	2	7	0	0	2	7
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	4	31	0	0	4	31
SALVADOR	1	2	0	0	1	2
TRINIDAD	4	12	0	0	4	12
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	26	115	3	7	29	122

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	2	15	0	0	2	15
ECUADOR	7	7	0	0	7	7
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	1	2	1	2
PERU	8	18	0	0	8	18
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	17	39	1	2	18	41

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1986

OTHER ASIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	173	0	173
BAHRAIN	0	0	0	0	0	0
BANGALDESH	1	10	0	0	1	10
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	19	364	1	2	20	366
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	4	6	0	0	4	6
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	24	380	1	174	25	554

OTHER AFRICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	16	0	0	1	16
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	16	0	0	1	16

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

A8050-3B

REPORT

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STATISTICAL
REPORT NO. 38-87
March 13, 1987

U.S. Foreign Trade in Machine Tools - 1986

U.S. foreign trade in machine tools during the fourth quarter of 1986 produced a trade deficit of $420.2 million, bringing the total 1986 deficit to $1,662.4 million. Compared to 1985, U.S. exports increased 30% to a 1986 annual total of $590.3 million. U.S. imports of machine tools also increased 30% over last year to $2,252.7 million for 1986.

U.S. Machine Tool Trade
($Millions)

	4th Quarter 1986			Annual		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$108.5	$406.6	($298.1)	$371.3	$1,654.6	($1,283.3)
Metal Forming	$ 59.8	$181.9	($122.1)	$219.0	$ 598.1	($ 379.1)
Total	$168.3	$588.5	($420.2)	$590.3	$2,252.7	($1,662.4)

EXPORTS

U.S. exports of metal cutting and metal forming machine tools totaled $371,265,000 and $219,059,000, respectively. Compared to 1985, exports of metal cutting machines rose 30% while metal forming exports increased 32%.

Increased dollar value and market share occurred in Europe, Asia and North and Central America during 1986. Decreases of U.S. exports occurred in South America, Oceania and Africa for the same period. Regional comparisons for 1985 and 1986 are shown on the next page.

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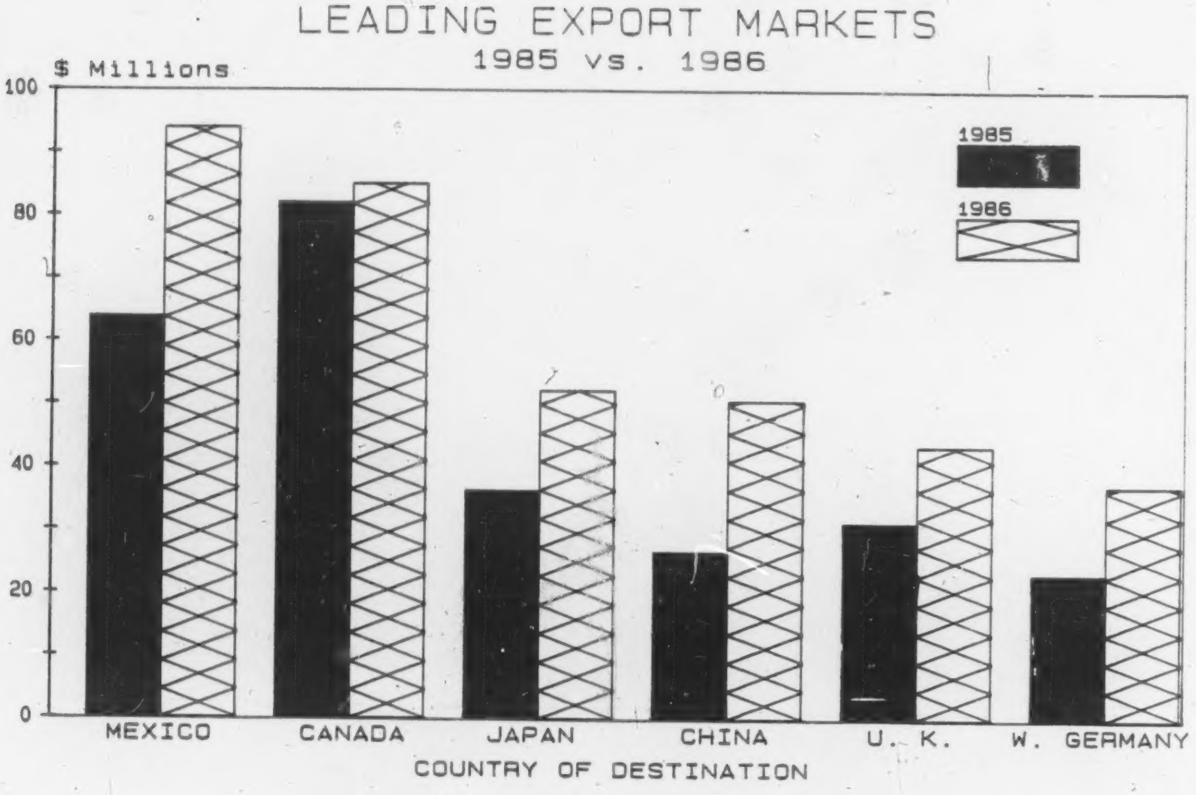
	U.S. Exports-1986		U.S. Exports-1985		%Change 86:85
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Asia	$206.6	35.0%	$138.1	30.5%	+ 49.6%
N & C America	181.2	30.7	149.1	33.0	+ 21.5
Europe	161.1	27.3	101.4	22.4	+ 58.9
South America	29.1	4.9	37.2	8.2	- 21.8
Oceania	8.9	1.5	15.4	3.4	- 42.2
Africa	3.3	0.6	11.2	2.5	- 70.5
	$590.3	100.0%	$452.4	100.0%	+ 30.5%

Exports to six countries represented 61% of total U.S. machine tool exports. Ranked by dollar value, the leading markets were:

	U.S. Exports-1986		U.S. Exports-1985		%Change 86:85
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Mexico	$ 93.9	15.9%	$ 63.8	14.1%	+ 47.2%
Canada	85.0	14.4	82.0	18.1	+ 3.7
Japan	52.1	8.8	36.2	8.0	+ 43.9
China	50.5	8.5	26.6	5.9	+ 89.8
United Kingdom	43.3	7.3	31.2	6.9	+ 38.8
West Germany	37.0	6.3	23.1	5.1	+ 60.2
	$361.7	61.3%	$262.8	58.1%	+ 37.6%

Mexico became the leading export market for U.S. machine tools in 1986, accounting for 16% of the total. Metal cutting exports increased 58% from last year's level of $40.3 million to $63.8 million. Exports of metal forming machines rose 28% to $30.1 million in 1986.

U.S. exports to Canada represented 14% of total machine tool exports in 1986, totaling $85.0 million up from $82.0 million. Metal cutting machine tool exports fell 12% from 1985 to $43.6 million for the current year. Exports of metal forming machinery increased 27% to $41.4 million in 1986.



LEADING EXPORT MARKETS
1985 vs. 1986

Machine tool exports to Japan stood at $52.1 million this year, up 44% from $36.2 million last year. Metal cutting exports totaled $35.8 million, up 78% from last years total of $20.1 million. Exports of metal forming machinery increased slightly in 1986, from $16.1 million to $16.4 million.

China registered the most significant gain in dollar value compared to 1985, rising 90% to $50.5 million in 1986. Metal cutting exports totaled $34.8 million, up 60% from last year. Metal forming exports more than tripled from their 1985 level of $4.9 million to stand at $15.7 million this year.

Exports to the United Kingdom stood at $43.3 million, up from $31.2 million in 1985. Exports of metal cutting machinery increased 80% during 1986, to $35.8 million. Metal forming exports fell 34% to stand at $7.5 million this year.

West Germany's share of total U.S. machine tool exports in 1986 stood at 6%, up 1 percentage point from last year. U.S. exports for metal cutting and metal forming machine tools increased during 1986, rising 72% and 47%, respectively.

IMPORTS

The reported dollar value of U.S. machine tool imports stood at $2,252.7 million during 1986. Metal cutting imports increased 20% from 1985 to $1,654.6 million in 1986. Metal forming imports of $598.1 million were 64% above their 1985 level of $363.8 million. It should be noted that machine tool imports, as reflected in the government statistics, are actually undervalued. They reflect values in the country of origin and do not include ocean freight, insurance, dealer's commissions, or import duties. The purchaser in this country is paying significantly more for imported machine tools than is reported in the government import statistics.

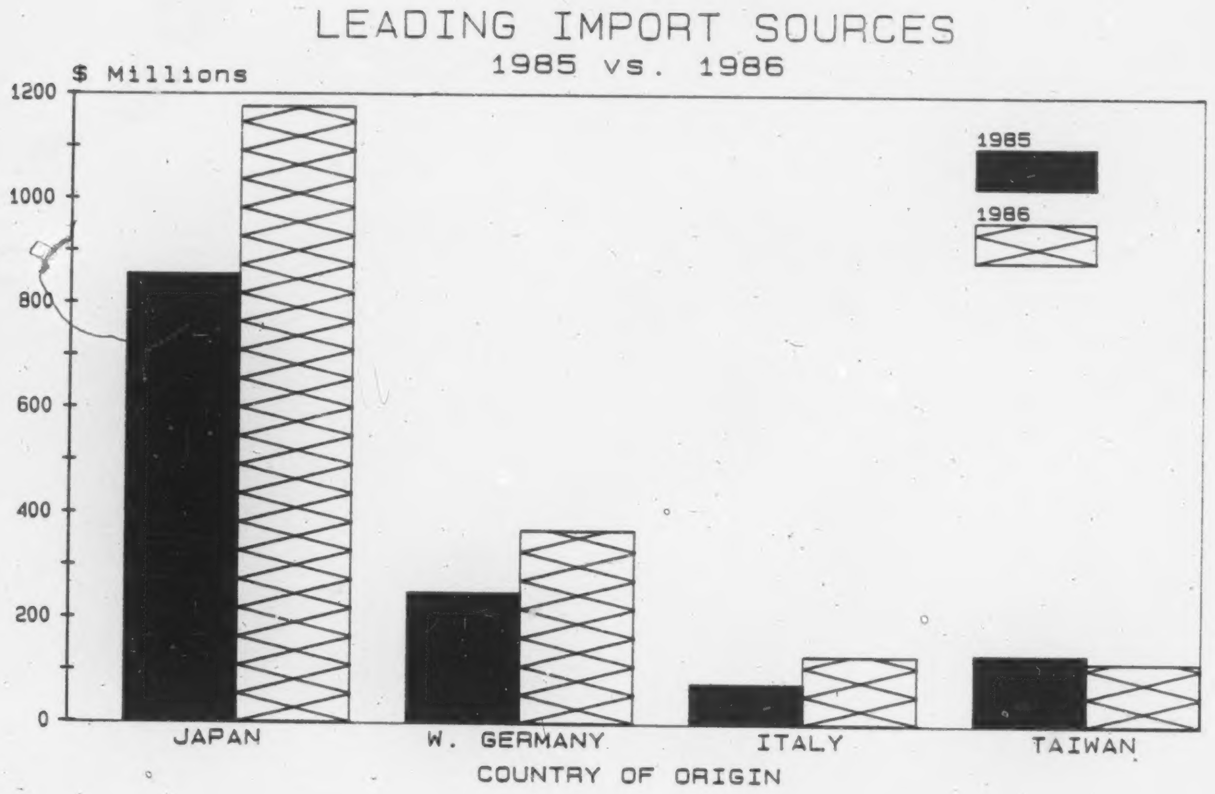
In 1986, four countries supplied 80% of U.S. machine tool imports. The dollar value of these countries' combined shipment total to the U.S. rose 36% above last year's level.

	U.S. Imports-1986		U.S. Imports-1985		%Change 86:85
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$1,174.6	52.1%	$ 854.1	49.1%	+37.5%
West Germany	367.9	16.3	248.9	14.3	+47.8
Italy	129.8	5.8	76.6	4.4	+69.5
Taiwan	119.3	5.3	134.2	7.7	-11.1
	$1,791.5	79.5%	$1,313.8	75.5%	+36.4%

Japan supplied 52% of total U.S. machine tool imports during 1986, up from 49% last year. Metal cutting imports of $841.8 million were up 17% from their 1985 level. Imports of metal forming machines more than doubled this year, from $132.7 million to $332.8 million.

U.S. imports of both metal cutting and metal forming machine tools from West Germany increased in 1986. Metal cutting imports of $279.6 million increased 50% from last year while metal forming imports rose 42%. West German imports represented 16% of total U.S. imports during 1986, up 2 percentage points from 1985.

Italy's market share increased over 1 percentage point to 6% this year even though the dollar value rose from $76.6 million in 1985 to $129.8 million. Metal cutting imports rose from $45.3 million in 1985 to $92.3 million this year. Imports of metal forming machinery increased 20% to stand at $37.5 million in 1986.



Taiwan's share of total U.S. imports fell 2 percentage points from the previous year's level to 5%. Of the $119.3 million import total, $116.1 million was comprised of metal cutting machine tools. This metal cutting total was 11% below last year's level. Metal forming imports fell 19% to $3.1 million this year.

* * *

ES, I1, I2

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U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL UNITS	YTD $000
674:	METAL CUTTING		
3025	Gear Hobbers	73	9149
3035	Gear Shapers	5	764
3045	Gear Cutting Machines, N.E.C.	21	3101
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2220	171305
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	328	31566
3409	Horizontal Machining Centers, ATC, NC	715	89382
3411	Machining Centers, NC, N.E.C.	774	69504
3412	Single Station and Multi-Station Transfer Machines	92	32534
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1337
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	47	10769
3419	Vertical Boring-Drilling-Milling Machines, NC	245	19034
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	97	2916
3328	Drilling Machines, NC	144	10466
3329	Drilling Machines, Multi-Spindle, Non-NC	60	4741
3334	Drilling Machines, Radial, Non-NC	245	2094
3336	Drilling Machines, Upright, Single Spindle, Non-NC	111	776
3342	Drilling Machines, Non-NC, N.E.C.	706	20605
3464	Milling Machines, NC	804	57295
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214
3467	Milling Machines, Knee Type, Non-NC	3530	19920
3468	Milling Machines, Bed Type, Non-NC	333	6664
3469	Milling Machines, Non-NC, N.E.C.	1862	28678
3476	Vertical Boring Machines, Incl. VTL's, NC	78	10636
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	210	4419
3481	Boring Machines, NC, N.E.C.	26	10669
3483	Boring Machines, Non-NC N.E.C.	507	58150
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3741	158022
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	911	63266
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	292	23889
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3941	32288
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	113	3550
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	130	12064
3515	Automatic Bar Machines, Single Spindle, Non-NC	57	1890
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	3063
3518	Horizontal Lathes, Non-NC, N.E.C.	232	10014
3505	Vertical Lathes, Multi-Spindle, NC	171	12259
3519	Vertical Lathes, NSPF, NC	461	29558
3522	Vertical Lathes, Excl. VTL's, Non-NC	1656	37037
3527	Gear Tooth Grinding & Finishing Machines	458	19607
3528	Tool & Cutter Grinding Machines, NC	107	4923
3529	Tool & Cutter Grinding Machines, Non-NC	1269	20135
3533	Honing & Lapping Machines	246	14196
3539	Grinding Machines, Flat Surface, NC	50	8336
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	415	6147
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1607	29810
3546	Grinding & Polishing Machines, NC, N.E.C.	116	13245
3554	External Grinding Machines, Non-NC	811	19836
3556	Internal Grinding Machines, Non-NC	107	5458
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	194	9757
3559	Grinding Machines, Non-NC, N.E.C.	1689	58118
3562	Traveling Wire Electrical Discharge Machines	867	58266
3564	All Other Electrical Discharge Machines	542	24640
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	65	4975
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	202	5542
3576	Metal Cutting Machines Tools, NC, N.E.C.	192	92097
3577	Sawing & Cut-Off Machines, Non-NC	1988	30702
3578	Broaching Machines, Non-NC	68	1746
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1159	28272
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6126	26780
5000	Metal Cutting Machine Tools, Less Than $2500**	861561	100968
	TOTAL CUTTING	904891	1654576
674	METAL FORMING		
1010	Die Casting Machines	705	27906
3582	Metal Forming Machine Tools, Used or Rebuilt	499	7943
3583	Metal Forming Machine Tools, Less Than $2500	25782	10064
3584	Punching and Shearing Machines, Incl. Combination, NC	483	55352
3586	Shearing Machines, Non-NC	1082	21028
3587	Punching & Combination Punching & Shearing Machines, Non-NC	683	12039
3588	Bending, Folding, Straightening & Flattening Machines, NC	394	35158
3589	Press Brakes, Non-NC	1083	30114
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	202	2790
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1288	34589
3593	Metal Forming Machine Tools, NC, N.E.C.	60	22378
3594	Mechanical Presses, Non-NC	381	58458
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	84	7733
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2844	167701
3597	Headers & Upsetters, Non-NC	108	7975
3598	Forging Machines, Non-NC, N.E.C.	145	9974
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2160	86902
	TOTAL FORMING	37983	598148
	TOTAL ALL TYPES	942874	2252724

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	176	0	0	0	0	1	14
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	9	349	0	0	2	126	3	1038
3412	0	0	0	0	0	0	13	1597	3	1508
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	2	352
3419	0	0	0	0	0	0	0	0	2	558
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	1	187	7	203	0	0	7	317
3328	2	8	0	0	0	0	1	135	2	288
3329	0	0	0	0	0	0	0	0	1	15
3334	0	0	8	46	0	0	0	0	7	76
3336	0	0	0	0	0	0	0	0	29	287
3342	5	188	0	0	0	0	113	1022	35	1129
3464	0	0	0	0	0	0	3	2939	98	7762
3466	1	9	0	0	0	0	0	0	4	401
3467	0	0	0	0	0	0	0	0	0	0
3468	1	68	0	0	0	0	1	720	2	45
3469	107	928	0	0	0	0	9	2059	29	1920
3476	0	0	0	0	0	0	55	7908	2	295
3477	0	0	0	0	0	0	13	252	52	696
3481	0	0	0	0	0	0	1	774	5	7426
3483	7	67	0	0	12	97	4	911	241	45147
3504	0	0	0	0	0	0	4	294	3	22
3506	1	15	0	0	0	0	7	325	0	0
3508	0	0	0	0	0	0	2	108	1	150
3510	0	0	0	0	0	0	0	0	1	5
3512	95	506	15	58	0	0	0	0	20	629
3513	0	0	0	0	0	0	1	9	0	0
3514	0	0	0	0	0	0	0	0	2	363
3515	0	0	0	0	0	0	1	32	1	6
3516	0	0	0	0	0	0	0	0	0	0
3518	1	9	0	0	1	3	7	54	44	1046
3505	0	0	0	0	0	0	2	574	0	0
3519	106	981	0	0	0	0	0	0	1	164
3522	21	188	4	345	0	0	19	1463	44	772
3527	2	78	1	27	0	0	0	0	105	738
3528	0	0	0	0	0	0	2	297	65	1849
3529	1	281	3	18	0	0	2	18	57	471
3533	0	0	1	10	1	6	2	19	29	111
3539	0	0	0	0	0	0	0	0	0	0
3541	7	21	6	112	0	0	0	0	210	2119
3543	1	7	0	0	26	520	3	49	51	1831
3546	19	763	0	0	0	0	0	0	2	58
3554	0	0	2	25	5	21	2	53	6	332
3556	0	0	0	0	0	0	0	0	10	49
3558	0	0	0	0	2	91	0	0	86	1965
3559	10	76	2	123	104	972	39	378	187	4000
3562	0	0	0	0	0	0	0	0	0	0
3564	5	134	5	26	0	0	46	996	1	28
3567	0	0	11	753	0	0	0	0	0	0
3571	0	0	0	0	0	0	5	51	4	55
3576	3	115	0	0	0	0	1	571	0	0
3577	15	81	6	158	1	14	31	481	114	748
3578	0	0	0	0	0	0	2	51	1	83
3579	6	274	2	36	6	180	29	484	62	1709
4000	65	294	26	130	7	53	680	787	160	1855
5000	3781	1501	708	405	589	326	4296	1773	6832	1880
CUT YTD	4262	6591	811	2983	761	2486	5398	27307	8624	92311
1010	0	0	0	0	0	0	0	0	8	606
3582	1	43	1	13	2	5	7	156	57	2069
3583	332	101	221	102	72	80	710	402	2268	886
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	59	1499	2	28	81	1847	99	2120
3587	0	0	0	0	1	13	7	18	129	1227
3588	3	282	2	73	0	0	2	95	69	2767
3589	0	0	122	3599	9	226	32	1215	21	314
3591	1	63	0	0	0	0	8	172	14	96
3592	9	123	79	701	2	108	40	1212	210	3288
3593	0	0	0	0	1	186	3	308	1	24
3594	4	49	0	0	0	0	5	283	16	4583
3595	0	0	0	0	6	46	8	263	15	223
3596	0	0	5	36	7	697	9	2012	52	8030
3597	0	0	2	1295	0	0	0	0	21	2525
3598	0	0	11	1426	0	0	2	10	17	810
3599	11	266	93	1018	6	226	41	1606	264	7931
FRM YTD	361	927	595	9763	108	1615	955	9599	3261	37498
TOT YTD	4623	7518	1406	12746	869	4101	6353	36907	11885	129809

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	10	860
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	6	1570
3404	2	172	0	0	1	117	8	882	0	0
3406	0	0	0	0	0	0	0	0	1	212
3409	0	0	0	0	1	54	2	222	1	138
3411	1	623	0	0	1	125	12	956	5	1980
3412	0	0	0	0	0	0	0	0	38	5544
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	2	365	0	0
3418	0	0	0	0	3	341	0	0	0	0
3419	1	101	0	0	2	299	0	0	9	3370
3422	0	0	0	0	0	0	0	0	1	250
3423	0	0	0	0	1	8	0	0	0	0
3328	3	349	0	0	3	212	0	0	0	0
3329	0	0	0	0	0	0	5	88	4	470
3334	0	0	37	186	20	313	0	0	0	0
3336	0	0	0	0	1	5	17	94	1	5
3342	2	267	5	30	30	486	39	175	32	3884
3464	2	889	0	0	94	1218	6	164	5	3384
3466	0	0	0	0	1	11	0	0	0	0
3467	0	0	0	0	1588	8874	1	23	0	0
3468	0	0	0	0	21	131	4	136	0	0
3469	1	8	0	0	114	1919	9	646	89	1992
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	5	62	0	0	4	423	0	0	16	2864
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	8
3508	0	0	0	0	0	0	2	132	6	1227
3510	0	0	0	0	0	0	0	0	6	398
3512	0	0	0	0	29	933	1	4	1	112
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	3	2	409
3515	0	0	0	0	2	15	0	0	18	498
3516	0	0	0	0	0	0	0	0	4	780
3518	0	0	0	0	3	19	3	315	17	394
3505	0	0	0	0	1	15	2	294	9	1627
3519	0	0	0	0	0	0	5	975	38	9472
3522	1	132	0	0	22	713	1	10	15	621
3527	69	457	0	0	2	230	6	228	57	5355
3528	0	0	0	0	0	0	0	0	1	163
3529	5	51	0	0	2	28	1	3	81	1355
3533	2	9	0	0	0	0	2	104	5	215
3539	2	851	0	0	0	0	0	0	2	240
3541	1	105	0	0	0	0	0	0	8	91
3543	8	108	0	0	11	422	1	3	19	2118
3546	0	0	0	0	0	0	1	246	16	2388
3554	9	41	0	0	2	10	14	1249	66	4027
3556	0	0	0	0	0	0	0	0	3	359
3558	13	204	0	0	0	0	0	0	18	4317
3559	237	9260	0	0	5	115	21	1131	94	4653
3562	0	0	0	0	0	0	0	0	229	20597
3564	0	0	0	0	3	52	0	0	78	3371
3567	0	0	0	0	0	0	2	535	0	0
3571	0	0	0	0	0	0	0	0	3	245
3576	2	580	0	0	3	86	0	0	15	1052
3577	23	142	3	42	5	88	6	77	27	1347
3578	0	0	0	0	0	0	1	7	0	0
3579	114	1296	11	166	33	280	15	267	24	1451
4000	10	154	0	0	134	1245	76	211	48	679
5000	1124	1284	268	297	350	575	2493	1487	1887	529
CUT YTD	1637	17143	324	721	2492	19361	2759	11031	3016	96620
1010	0	0	0	0	2	9	0	0	12	658
3582	14	61	0	0	2	19	10	85	28	455
3583	495	228	23	32	92	31	315	348	703	336
3584	0	0	0	0	0	0	0	0	53	6457
3586	7	111	46	743	134	1092	7	117	3	43
3587	2	21	3	43	56	490	84	1109	12	584
3588	3	45	0	0	0	0	3	128	18	1151
3589	10	362	38	556	16	131	14	845	3	167
3591	0	0	0	0	0	0	102	1640	0	0
3592	11	286	4	292	21	258	51	829	38	2401
3593	0	0	0	0	0	0	0	0	1	24
3594	0	0	0	0	1	149	0	0	3	841
3595	0	0	0	0	0	0	9	725	0	0
3596	0	0	0	0	33	1118	18	2794	13	1212
3597	0	0	0	0	0	0	0	0	2	743
3598	0	0	0	0	1	18	0	0	3	392
3599	100	1398	0	0	42	402	22	2980	62	3197
FRM YTD	642	2511	114	1666	400	3716	635	11601	954	18660
TOT YTD	2279	19655	438	2387	2892	23077	3394	22631	3970	115280

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZI'	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	3	112	42	7434	0	0	0	0	0	0
3035	1	71	3	597	0	0	0	0	0	0
3045	4	119	7	1172	0	0	1	19	0	0
3404	28	1723	6	504	0	0	0	0	0	0
3406	6	551	3	264	0	0	0	0	0	0
3409	52	2879	42	3939	0	0	0	0	0	0
3411	20	1111	120	17949	0	0	5	402	1	120
3412	2	112	27	20673	0	0	4	1224	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	14	6162	0	0	0	0	8	210
3419	6	194	187	12319	8	455	1	41	0	0
3422	0	0	7	413	1	13	0	0	0	0
3423	24	486	18	713	0	0	10	48	0	0
3328	1	103	34	2560	0	0	2	480	0	0
3329	0	0	12	2524	0	0	3	498	0	0
3334	1	63	0	0	4	29	1	4	3	19
3336	11	33	22	178	0	0	0	0	0	0
3342	133	3290	75	3709	0	0	26	372	0	0
3464	225	6985	59	13998	0	0	0	0	0	0
3466	2	14	10	83	0	0	0	0	0	0
3467	200	3461	2	90	0	0	12	427	0	0
3468	108	1092	17	1453	0	0	1	12	0	0
3469	47	889	125	6452	0	0	12	68	0	0
3476	0	0	3	511	0	0	0	0	0	0
3477	4	19	111	1969	0	0	2	35	0	0
3481	1	156	0	0	0	0	0	0	0	0
3483	19	752	116	4062	2	97	50	2382	0	0
3504	1	3	7	1444	0	0	1	43	0	0
3506	348	3743	48	6557	0	0	0	0	43	422
3508	38	2547	55	7510	0	0	0	0	8	107
3510	43	411	47	6609	0	0	5	403	0	0
3512	559	5103	2	543	344	2613	5	205	265	1848
3513	0	0	8	888	0	0	0	0	0	0
3514	11	293	9	3350	0	0	0	0	0	0
3515	1	10	11	705	0	0	0	0	0	0
3516	3	436	13	1847	0	0	0	0	0	0
3518	11	259	27	3122	0	0	1	8	0	0
3505	3	289	5	2476	0	0	0	0	0	0
3519	1	50	27	1914	0	0	5	146	3	38
3522	146	3262	61	5469	12	162	40	1140	214	991
3527	8	189	119	9631	0	0	5	834	0	0
3528	0	0	27	1743	0	0	0	0	0	0
3529	165	1924	514	11181	4	37	41	676	15	60
3533	64	827	89	9414	0	0	2	8	0	0
3539	9	2069	16	3563	0	0	1	22	0	0
3541	3	55	26	688	0	0	0	0	0	0
3543	65	5859	136	5420	85	470	89	533	0	0
3546	11	2440	38	3511	0	0	0	0	0	0
3554	18	303	580	10736	0	0	1	3	0	0
3556	3	33	26	2421	0	0	0	0	0	0
3558	15	237	35	1583	0	0	0	0	0	0
3559	188	5289	514	23807	0	0	83	2927	0	0
3562	0	0	1	105	0	0	0	0	0	0
3564	18	1672	19	1916	0	0	0	0	12	106
3567	7	1592	4	163	0	0	0	0	0	0
3571	39	857	54	2089	0	0	4	26	0	0
3576	2	38	21	1436	0	0	0	0	0	0
3577	301	1725	460	8268	6	60	149	1516	0	0
3578	88	168	55	1411	0	0	0	0	0	0
3579	86	3764	236	7462	1	6	255	3952	0	0
4000	2053	4971	557	5092	5	64	130	2024	14	107
5000	9534	2796	137122	15824	118	232	5863	2830	284	184
CUT YTD	14660	77426	142031	279622	590	4237	6810	23306	870	4211
1010	13	212	62	1210	0	0	466	3794	2	31
3582	55	657	77	923	0	0	59	666	0	0
3583	445	427	5908	2186	0	0	400	261	2	4
3584	1	54	37	6561	0	0	0	0	0	0
3586	116	1389	80	1526	0	0	47	1045	0	0
3587	20	533	244	3994	0	0	53	396	0	0
3588	4	316	18	1083	0	0	22	391	0	0
3589	28	236	13	336	0	0	126	2678	0	0
3591	3	21	3	26	0	0	3	144	0	0
3592	66	2613	191	7893	0	0	342	4074	0	0
3593	1	20	37	3995	0	0	1	53	0	0
3594	6	154	68	9136	0	0	11	104	14	9888
3595	7	151	9	528	0	0	11	332	5	4965
3596	70	5590	136	11553	3	299	40	2213	0	0
3597	5	307	36	732	0	0	0	0	0	0
3598	6	1077	61	5483	0	0	9	366	0	0
3599	159	9562	587	31122	0	0	348	13124	15	65
FRM YTD	1005	23317	7567	88287	3	299	1938	29638	38	14952
TOT YTD	15665	100743	149598	367909	593	4536	8748	52944	908	19163

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	9	441	5	131	0	0
3035	0	0	0	0	1	95	0	0	0	0
3045	0	0	1	31	0	0	0	0	0	0
3404	0	0	0	0	1987	160776	2	98	12	606
3406	0	0	0	0	276	27955	0	0	0	0
3409	0	0	0	0	562	[illegible]	0	0	0	0
3411	0	0	0	0	436	39400	1	57	3	149
3412	2	177	0	0	3	1700	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	5	[illegible]	0	0	0	0
3418	0	0	0	0	18	3494	0	0	0	0
3419	0	0	0	0	2	376	0	0	0	0
3422	0	0	0	0	7	451	2	132	0	0
3423	1	10	0	0	12	894	0	0	0	0
3328	0	0	0	0	77	5898	0	0	0	0
3329	0	0	0	0	32	1119	0	0	0	0
3334	11	50	0	0	49	693	1	4	0	0
3336	1	4	0	0	1	27	0	0	0	0
3342	3	17	0	0	87	4595	0	0	1	62
3464	1	15	0	0	148	16777	0	0	0	0
3466	0	0	0	0	2	578	0	0	0	0
3467	0	0	0	0	4	78	0	0	0	0
3468	0	0	0	0	43	1603	2	20	0	0
3469	74	353	0	0	85	6024	2	23	0	0
3476	0	0	0	0	18	1922	0	0	0	0
3477	0	0	0	0	25	1434	0	0	0	0
3481	0	0	0	0	19	2313	0	0	0	0
3483	0	0	0	0	24	611	0	0	0	0
3504	0	0	0	0	24	2401	0	0	0	0
3506	10	66	0	0	2391	136922	271	5626	50	542
3508	2	35	0	0	724	50460	24	719	0	0
3510	9	35	0	0	170	15958	0	0	0	0
3512	24	304	0	0	74	4864	301	1815	320	2862
3513	0	0	0	0	23	1020	0	0	0	0
3514	2	90	0	0	82	7434	2	59	0	0
3515	0	0	0	0	8	554	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	22	0	0	73	4409	8	164	0	0
3505	0	0	0	0	139	6578	2	98	0	0
3519	6	24	0	0	204	13186	6	368	0	0
3522	17	316	1	14	374	16998	31	846	0	0
3527	11	157	0	0	38	1209	0	0	12	204
3528	0	0	0	0	12	871	0	0	0	0
3529	0	0	0	0	163	2594	0	0	32	486
3533	1	14	0	0	42	3445	0	0	0	0
3539	0	0	0	0	16	1508	0	0	1	22
3541	0	0	0	0	116	2343	0	0	25	492
3543	3	23	0	0	373	7518	0	0	67	1149
3546	0	0	0	0	27	3792	0	0	0	0
3554	4	17	0	0	42	2687	0	0	0	0
3556	32	293	0	0	17	2099	10	98	0	0
3558	0	0	0	0	12	1294	3	19	0	0
3559	14	365	6	63	74	4174	9	34	2	23
3562	1	150	0	0	624	37279	0	0	0	0
3564	10	44	0	0	286	15683	0	0	0	0
3567	0	0	0	0	31	1797	0	0	0	0
3571	0	0	0	0	21	1920	0	0	0	0
3576	0	0	0	0	144	88201	0	0	0	0
3577	3	47	34	1844	553	12929	0	0	0	0
3578	0	0	0	0	1	26	0	0	0	0
3579	0	0	0	0	210	6345	1	5	11	192
4000	31	206	6	10	241	2349	39	117	2	4
5000	1938	483	147	8	134290	20947	580	405	303	106
CUT YTD	2215	3317	195	1970	145551	841771	1302	10839	841	6898
1010	0	0	0	0	115	20950	0	0	0	0
3582	0	0	1	40	155	2423	0	0	0	0
3583	264	10	0	0	4877	1776	14	14	24	47
3584	0	0	0	0	385	41702	0	0	0	0
3586	0	0	19	367	366	8893	0	0	3	40
3587	0	0	23	462	37	2790	1	5	7	191
3588	0	0	0	0	223	27313	0	0	0	0
3589	0	0	9	218	635	19143	0	0	0	0
3591	0	0	0	0	26	319	0	0	0	0
3592	0	0	0	0	157	9859	0	0	0	0
3593	0	0	0	0	14	17604	0	0	0	0
3594	0	0	0	0	229	33041	0	0	14	144
3595	1	23	0	0	10	412	1	43	2	22
3596	0	0	1	17	2422	131146	1	8	0	0
3597	0	0	0	0	42	2373	0	0	0	0
3598	0	0	0	0	4	241	0	0	0	0
3599	0	0	1	13	353	12796	1	3	1	3
FRM YTD	265	32	54	1116	10050	332781	18	73	51	448
TOT YTD	2480	3350	249	3086	155601	1174552	1320	10911	892	7346

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	4	169
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	174	6427	0	0	0	0
3406	42	2584	0	0	0	0
3409	55	2397	0	0	0	0
3411	155	5120	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	2	210	0	0	0	0
3419	27	1321	0	0	0	0
3422	0	0	0	0	5	425
3423	13	14	0	0	3	36
3328	19	833	0	0	0	0
3329	3	27	0	0	0	0
3334	96	501	0	0	7	110
3336	25	125	0	0	3	20
3342	96	1178	5	39	19	163
3464	163	3165	0	0	0	0
3466	2	119	0	0	0	0
3467	1720	6871	0	0	3	95
3468	131	1378	0	0	2	6
3469	1138	5297	0	0	21	100
3476	0	0	0	0	0	0
3477	3	14	0	0	0	0
3481	0	0	0	0	0	0
3483	1	3	0	0	6	671
3504	2	7	0	0	0	0
3506	539	3486	18	142	14	168
3508	49	271	0	0	0	0
3510	7	20	0	0	4	50
3512	1761	8718	22	88	103	1083
3513	81	1634	0	0	0	0
3514	19	65	0	0	0	0
3515	14	67	0	0	1	4
3516	0	0	0	0	0	0
3518	29	131	0	0	3	60
3505	4	65	0	0	4	243
3519	53	1948	1	39	5	255
3522	466	2534	1	11	166	1051
3527	20	79	0	0	3	191
3528	0	0	0	0	0	0
3529	178	838	0	0	5	114
3533	6	16	0	0	0	0
3539	3	61	0	0	0	0
3541	13	120	0	0	0	0
3543	655	3500	0	0	14	282
3546	0	0	0	0	2	46
3554	48	203	0	0	12	129
3556	3	14	2	79	1	15
3558	9	42	0	0	1	6
3559	64	417	0	0	36	311
3562	7	79	5	57	0	0
3564	57	509	2	105	0	0
3567	16	136	0	0	0	0
3571	68	288	0	0	4	13
3576	1	22	0	0	0	0
3577	238	1041	0	0	13	94
3578	0	0	0	0	0	0
3579	49	262	0	0	8	139
4000	1750	5324	2	13	90	1092
5000	546180	46658	457	144	2417	294
CUT YTD	556248	116136	515	717	2979	7435
1010	17	173	0	0	8	264
3582	6	52	2	2	22	276
3583	7774	1902	138	8	705	883
3584	0	0	0	0	7	578
3586	6	27	0	0	7	143
3587	1	5	0	0	3	159
3588	1	4	0	0	26	1509
3589	7	89	0	0	0	0
3591	2	15	1	34	39	260
3592	12	111	10	54	45	488
3593	0	0	0	0	1	165
3594	3	25	0	0	7	61
3595	0	0	0	0	0	0
3596	18	453	2	8	14	515
3597	0	0	0	0	0	0
3598	1	3	1	7	29	139
3599	31	278	3	246	20	668
FRM YTD	7879	3138	157	359	933	6107
TOT YTD	564127	119274	672	1076	3912	13542

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	1	2	2	46	3	48
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	66	497	2	14	68	510
EAST GERMANY	54	1094	117	682	171	1776
FINLAND	18	869	292	807	310	1675
GIBRALTAR	0	0	0	0	0	0
GREECE	2	56	0	0	2	56
HUNGARY	10	137	2	17	12	154
ICELAND	0	0	0	0	0	0
IRELAND	155	357	13	571	168	928
MALTA	0	0	0	0	0	0
NORWAY	43	166	10	609	53	774
POLAND	258	1496	0	0	258	1496
ROMANIA	6	58	0	0	6	58
USSR	6	231	0	0	6	231
OTHER EUROPE	0	0	0	0	0	0
TOTAL	619	4961	438	2745	1057	7706
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	12	47	0	0	12	47
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	9	275	0	0	9	275
FR W INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	1348	125	304	653	1652	778
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	1369	447	304	653	1673	1100
OTHER SOUTH AMERICA						
ARGENTINA	113	436	8	129	121	564
BOLIVIA	0	0	0	0	0	0
CHILE	1	35	0	0	1	35
COLOMBIA	0	0	0	0	0	0
ECUADOR	1	16	0	0	1	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S AM	0	0	0	0	0	0
TOTAL	115	487	8	129	123	616
OTHER OCEANIA						
FR PAC IS	3	88	0	0	3	88
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	40	153	64	2038	104	2191
SAMOA	0	0	0	0	0	0
TERR PAC IS	0	0	0	0	0	0
OTH PAC IS	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	43	241	64	2038	107	2279

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	1	5	0	0	1	5
BAHRAIN	5	65	0	0	5	65
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	352	195	5	114	357	308
INDIA	132	428	47	32	179	461
INDONESIA	2	26	0	0	2	26
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	4	10	0	0	4	10
MALAYSIA	4	46	9	55	13	101
NEPAL	1	6	0	0	1	6
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	4	119	0	0	4	119
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	280	17	0	0	280	17
TURKEY	0	0	1	38	1	38
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	18	27	18	27
TOTAL	785	917	80	266	865	1183
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	1	82	0	0	1	82
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	1	4	1	4
GHANA	4	29	2	2	6	31
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	26	194	0	0	26	194
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP S AFRICA	16	50	32	221	48	271
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	4	50	4	50
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	1	25	0	0	1	25
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	48	381	39	277	87	658

SOURCE U S DEPARTMENT OF COMMERCE CENSUS REPORT NO IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)"0-" - DOLLAR AMOUNT LESS THAN $500 2)N E C - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL UNITS	YTD $000
674.	METAL CUTTING		
3020	Gear Hobbers & Shapers	91	8131
3045	Gear Cutting Machines, N.E.C.	90	20841
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	16	1589
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810
3209	Horizontal Machining Centers, ATC, NC	27	7637
3211	Machining Centers, NC, N.E.C.	80	7455
3216	Single Station and Multi-Station Transfer Machines	47	37400
3225	Way Type Machines (Unit Heads)	2	75
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	4471
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164
3247	Vertical Boring-Drilling-Milling Machines, NC	49	2588
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1287
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	36	3395
3254	Drilling Machines, NC	19	2013
3255	Drilling Machines, Multi-Spindle, Non-NC	48	8569
3256	Drilling Machines, Radial, Non-NC	27	498
3257	Drilling Machines, Upright, Single Spindle, Non-NC	13	234
3258	Drilling Machines, Non-NC, N.E.C.	173	4091
3264	Milling Machines, NC	33	9710
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	59	4665
3267	Milling Machines, Knee Type, Non-NC	8	511
3268	Milling Machines, Bed Type, Non-NC	16	3261
3269	Milling Machines, Non-NC, N.E.C	111	7055
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	346	21939
3281	Boring Machines, NC, N.E.C.	6	1728
3283	Boring Machines, Non-NC, N.E.C.	83	4769
3503	Horizontal Lathes, Multi-Spindle, NC	7	897
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	130	9829
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3278
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	1489
3510	Horizontal Engine & Toolroom Lathes, Non-NC	68	1154
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	11	1878
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	14	620
3515	Automatic Bar Machines, Single-Spindle, Non-NC	28	1066
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	1214
3518	Horizontal Lathes, Non-NC, N.E.C.	1426	21775
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	13	3582
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	31	3275
3525	Vertical Lathes, Excl. VTLs, Non-NC	146	8911
3528	Grinding, Polishing, Honing & Lapping Machines, NC	86	10409
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	54	6650
3531	Tool & Cutter Grinding Machines, Non-NC	170	5306
3532	Honing & Lapping Machines, Non-NC	243	8822
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	58	1415
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	194	15281
3541	External Grinding Machines, Non-NC	28	2981
3542	Internal Grinding Machines, Non-NC	11	2190
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	8097
3546	Grinding Machines, Non-NC, N.E.C.	214	5863
3547	Traveling Wire Electrical Discharge Machines	8	447
3549	All Other Electrical Discharge Machines	97	2025
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	35	1120
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213
3565	Sawing & Cut-Off Machines, Non-NC	438	8435
3566	Broaching Machines, Non-NC	10	592
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	188	7026
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3445	36115
5000	Metal Cutting Machine Tools, Less Than $2500**	36169	13023
	TOTAL CUTTING	44998	371265
674.	METAL FORMING		
1011	Die Cast Machines & Parts	0	18351
3568	Metal Forming Machine Tools, Used Or Rebuilt	938	7599
3569	Metal Forming Machine Tools, Less Than $2500	4106	2764
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415
3573	Shearing Machines, Non-NC	64	1464
3575	Punching & Combination Punching & Shearing Machines, Non-NC	466	15966
3578	Bending, Folding, Straightening & Flattening Machines, NC	119	5961
3582	Press Brakes, Non-NC	96	4154
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	19	1357
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	473	22424
3588	Mechanical Presses, Non-NC	165	14843
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	47	8704
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	703	39917
3594	Headers & Upsetters, Non-NC	70	11487
3595	Forging Machines, Non-NC, N.E.C.	94	8169
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	688	51450
	TOTAL FORMING	8088	219059
	TOTAL ALL TYPES	53086	590324

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3243, 3253, 3262, 3273, 3502, 3527, & 3557

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U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	13	0	0	0	0	0	0
3045	0	0	2	146	0	0	0	0	0	0
3204	0	0	4	562	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	46	0	0	0	0	6	24	4	96
3254	0	0	2	64	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	1	6	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	14	310	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	56	0	0	0	0	10	307	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	4	44	0	0	0	0	1	120	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	293	18821	0	0	1	195	0	0
3281	0	0	0	0	1	30	0	0	0	0
3283	0	0	0	0	1	20	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	80	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	90	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	24	3	30
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	73	1	41	1	29	14	977	3	206
3528	0	0	1	235	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	36	0	0	1	42	0	0
3532	0	0	0	0	0	0	12	185	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	115	5	60	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	204	1	239
3544	2	31	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	94	1	3
3547	0	0	0	0	0	0	1	28	0	0
3549	0	0	0	0	0	0	2	6	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	4	105	1	10	0	0	5	313	1	4
3566	0	0	2	10	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	3	88
4000	4	83	28	334	2	19	48	1245	8	247
5000	11	2	615	561	0	0	2647	345	14	19
CUT YTD	28	440	952	20921	6	213	2773	4565	38	932
1011	0	99	0	35	0	1	0	962	0	25
3568	4	43	13	215	2	55	1	7	9	59
3569	0	0	29	20	3	2	168	64	40	9
3571	0	0	0	0	0	0	0	0	0	0
3573	2	55	0	0	0	0	6	19	0	0
3575	0	0	0	0	2	25	7	532	0	0
3578	0	0	0	0	0	0	3	216	9	115
3582	0	0	55	2053	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	110	13	3102	3	170
3588	3	153	3	50	0	0	0	0	1	107
3589	0	0	0	0	0	0	6	216	1	225
3590	0	0	0	0	0	0	2	637	2	228
3594	0	0	1	118	0	0	0	0	1	147
3595	1	38	0	0	0	0	2	26	0	0
3598	2	278	11	124	0	0	15	287	4	156
FRM YTD	12	666	112	2614	9	192	223	6067	70	1241
TOT YTD	40	1106	1064	23535	15	405	2996	10632	108	2173

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	ITALY		NETHERL NDS		POLAND		SPAIN		SWEDEN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	137	0	0	0	0	0	0	3	473
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	70	0	0	0	0	1	439
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	4	992	1	475
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	59
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	199	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	213	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	2	26	0	0	0	0	0	0	0	0
3269	4	81	12	285	0	0	0	0	1	17
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	22	315	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	107	0	0	0	0	0	0	8	525
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	73	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	889	0	0	0	0	0	0	405	72
3521	1	597	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	87	1	16	0	0	0	0	2	65
3528	0	0	0	0	0	0	0	0	0	0
3529	3	71	1	157	1	146	0	0	0	0
3531	2	514	0	0	0	0	0	0	0	0
3532	4	141	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	793	0	0	0	0	1	460	2	417
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	5	620	0	0	0	0	0	0	0	0
3546	1	34	0	0	0	0	1	50	1	3
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	231	0	0	2	42
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	2	262	0	0	0	0	0	0	0	0
3565	1	11	5	179	0	0	1	12	1	113
3566	0	0	0	0	0	0	0	0	0	0
3567	8	104	0	0	0	0	0	0	0	0
4000	96	1614	26	1232	5	34	40	223	17	137
5000	682	153	208	158	0	0	1062	180	72	97
CUT YTD	834	6652	276	2411	7	410	1111	1988	517	2932
1011	0	1365	0	65	0	0	0	13	0	93
3568	7	838	18	121	1	6	0	0	0	0
3569	0	0	34	19	5	4	6	3	14	6
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	28
3575	6	116	5	98	0	0	2	180	1	14
3578	0	0	1	113	0	0	2	215	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	2	159	0	0	0	0	0	0	0	0
3584	16	474	1	112	0	0	13	450	2	73
3588	4	552	0	0	0	0	1	88	1	59
3589	0	0	0	0	0	0	1	20	0	0
3590	1	28	4	189	0	0	0	0	4	1625
3594	2	594	1	295	0	0	1	172	0	0
3595	2	151	0	0	2	297	0	0	2	125
3598	16	5846	6	106	0	0	2	32	32	839
FRM YTD	56	10122	70	1118	8	307	28	1172	57	2861
TOT YTD	890	16774	346	3529	15	717	1139	3161	574	5793

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	18	3	303	0	0	15	2200	0	0
3045	0	0	1	125	0	0	8	3326	0	0
3204	0	0	3	487	0	0	1	26	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	2	626	2	1051	0	0	2	279	0	0
3211	1	160	7	479	0	0	3	19[illegible]	0	0
3216	0	0	17	19157	0	0	2	605	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	429	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	147	0	0	0	0	0	0
3248	0	0	0	0	0	0	6	630	0	0
3249	0	0	1	15	0	0	1	508	0	0
3254	0	0	0	0	0	0	4	700	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	3	21	0	0	0	0	0	0
3257	0	0	0	0	1	3	0	0	0	0
3258	11	237	6	131	0	0	4	115	0	0
3264	1	118	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	3	210	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	1	58	0	0	0	0	0	0	0	0
3277	0	0	2	150	0	0	4	73	0	0
3281	0	0	0	0	0	0	1	51	0	0
3283	3	131	2	116	0	0	9	322	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	57	3658	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	198	0	0	0	0	0	0
3510	0	0	6	18	0	0	2	24	0	0
3511	0	0	2	179	0	0	2	1039	0	0
3512	2	71	0	0	0	0	9	393	0	0
3515	0	0	0	0	0	0	2	349	0	0
3516	0	0	3	60	0	0	0	0	0	0
3518	2	28	25	550	0	0	1	9	0	0
3521	0	0	1	69	0	0	4	753	0	0
3523	1	47	0	0	0	0	0	0	0	0
3525	0	0	10	572	0	0	9	1277	1	36
3528	6	421	6	432	0	0	1	156	6	570
3529	0	0	2	213	1	193	12	2260	0	0
3531	0	0	11	742	0	0	7	511	0	0
3532	32	405	8	1341	0	0	82	869	0	0
3533	2	24	0	0	0	0	0	0	0	0
3538	2	252	4	200	3	822	2	100	0	0
3541	0	0	2	66	0	0	1	27	0	0
3542	0	0	1	172	0	0	0	0	0	0
3544	4	433	3	26	0	0	9	541	2	295
3546	1	10	19	551	2	8	5	1001	0	0
3547	0	0	0	0	0	0	2	63	0	0
3549	0	0	5	95	0	0	1	20	0	0
3551	0	0	3	246	0	0	1	32	0	0
3553	1	36	1	40	0	0	0	0	0	0
3559	1	213	0	0	0	0	1	213	0	0
3565	3	593	23	841	0	0	11	171	0	0
3566	0	0	1	19	0	0	0	0	0	0
3567	2	81	13	1016	0	0	6	248	0	0
4000	192	429	90	815	0	0	45	1083	6	156
5000	1607	295	2621	1114	0	0	1405	737	41	76
CUT YTD	1881	4893	2967	35843	7	1027	1680	20907	56	1133
1011	0	491	0	493	0	0	0	1157	0	0
3568	1	20	14	107	0	0	15	120	0	0
3569	29	12	46	20	0	0	211	111	0	0
3571	0	0	1	134	0	0	4	502	0	0
3573	1	19	5	85	0	0	6	190	0	0
3575	3	32	28	1101	0	0	55	1436	0	0
3578	1	97	0	0	0	0	4	625	0	0
3582	0	0	0	0	0	0	3	110	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	468	23	446	1	240	35	1457	0	0
3588	0	0	9	508	0	0	3	320	0	0
3589	0	0	0	0	0	0	3	478	0	0
3590	1	11	9	1077	0	0	33	3597	0	0
3594	2	165	1	50	0	0	14	3647	0	0
3595	0	0	7	128	0	0	6	884	0	0
3598	4	158	95	3303	0	0	25	1441	3	482
FRM YTD	45	1474	238	7450	1	240	417	16073	3	482
TOT YTD	1926	6367	3205	43293	8	1266	2097	36980	59	1615

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	162	14	819	14	290	3	137	0	0
3045	0	0	3	320	5	396	0	0	0	0
3204	0	0	4	233	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	5	1693	2	134	0	0	0	0
3211	1	47	17	1417	17	1228	2	38	1	19
3216	0	0	6	1988	5	2922	0	0	0	0
3225	0	0	0	0	0	0	1	52	0	0
3245	0	0	1	226	0	0	0	0	0	0
3246	0	0	2	164	0	0	0	0	0	0
3247	0	0	15	313	13	530	0	0	0	0
3248	0	0	2	211	2	386	0	0	0	0
3249	0	0	6	592	3	35	0	0	0	0
3254	0	0	1	222	1	45	0	0	0	0
3255	0	0	17	1169	16	5033	0	0	0	0
3256	2	32	0	0	5	61	0	0	0	0
3257	0	0	1	3	4	157	0	0	0	0
3258	0	0	36	586	42	1023	11	76	0	0
3264	0	0	5	1381	5	1212	0	0	0	0
3266	0	0	7	1003	26	386	2	12	0	0
3267	0	0	4	246	0	0	0	0	0	0
3268	0	0	3	150	0	0	1	84	0	0
3269	0	0	8	475	55	4289	0	0	1	225
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	4	72	9	537	0	0	0	0
3281	0	0	0	0	3	1431	0	0	0	0
3283	1	70	0	0	23	2620	2	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	47	4029	4	323	0	0	0	0
3507	0	0	8	1211	0	0	0	0	0	0
3509	0	0	7	679	0	0	0	0	0	0
3510	0	0	24	275	9	135	2	10	0	0
3511	0	0	2	63	1	84	0	0	0	0
3512	0	0	1	42	0	0	0	0	1	16
3515	0	0	13	191	7	49	0	0	0	0
3516	0	0	14	784	4	152	0	0	0	0
3518	0	0	59	1427	780	14037	10	81	2	142
3521	0	0	4	1086	0	0	0	0	0	0
3523	0	0	3	300	15	1372	2	45	0	0
3525	0	0	7	733	49	1881	2	185	0	0
3528	0	0	37	2039	6	250	0	0	0	0
3529	0	0	7	1010	5	110	0	0	0	0
3531	0	0	67	638	46	1085	2	12	0	0
3532	0	0	43	1667	20	768	2	21	0	0
3533	0	0	30	498	6	131	3	17	0	0
3538	3	136	7	280	51	2106	7	98	0	0
3541	0	0	11	838	1	51	1	79	0	0
3542	0	0	1	263	1	15	0	0	0	0
3544	1	4	73	947	13	453	0	0	3	37
3546	1	4	61	505	31	379	3	51	0	0
3547	0	0	3	281	1	13	0	0	0	0
3549	2	15	6	272	26	457	0	0	18	47
3551	1	45	3	793	0	0	0	0	0	0
3553	0	0	3	78	14	405	0	0	0	0
3559	3	62	7	228	0	0	0	0	0	0
3565	1	8	113	1168	189	2653	4	75	0	0
3566	0	0	4	227	2	323	0	0	0	0
3567	1	20	32	490	66	2349	2	62	1	172
4000	28	1311	590	3914	1344	10421	87	419	8	66
5000	468	134	6435	3335	1364	1041	481	143	266	59
CUT YTD	516	2051	7883	43567	4305	63755	630	1727	301	782
1011	0	218	0	4584	0	5481	0	71	0	0
3568	0	0	31	492	713	1975	19	104	0	0
3569	23	12	1875	1195	629	729	32	19	10	4
3571	0	0	20	2732	0	0	1	128	0	0
3573	0	0	13	378	18	468	2	17	0	0
3575	0	0	104	4173	94	2635	2	8	0	0
3578	1	559	6	159	10	496	1	19	0	0
3582	0	0	18	1066	2	250	0	0	0	0
3583	4	125	4	116	2	50	0	0	0	0
3584	16	357	124	5495	105	3279	4	46	1	229
3588	0	0	14	2989	55	3144	3	44	1	33
3589	0	0	11	1276	17	510	0	0	0	0
3590	2	226	84	9204	335	9022	4	65	0	0
3594	0	0	5	650	4	112	0	0	0	0
3595	2	68	36	774	5	75	2	15	0	0
3598	1	126	138	6131	112	1893	8	79	2	118
FRM YTD	49	1691	2483	41415	2101	30118	78	614	14	383
TOT YTD	565	3742	10366	84982	6406	93873	708	2340	315	1166

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	20	2056
3045	3	1104	0	0	0	0	0	0	27	5989
3204	0	0	1	16	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	4	2163	0	0	0	0	0	0	0	0
3211	1	202	0	0	2	353	6	620	3	516
3216	0	0	0	0	1	138	0	0	3	4490
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	3	1620
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	1167	3	231	0	0	0	0	2	234
3254	0	0	0	0	0	0	0	0	5	233
3255	5	622	0	0	0	0	0	0	1	1250
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	4	15	0	0	0	0	0	0
3258	2	340	1	8	1	3	19	187	0	0
3264	9	2753	0	0	3	100	0	0	4	1898
3266	0	0	0	0	0	0	0	0	2	704
3267	0	0	0	0	0	0	0	0	0	0
3268	1	1800	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	52	9	1209
3276	0	0	0	0	0	0	0	0	2	2529
3277	0	0	1	17	0	0	0	0	1	770
3281	0	0	0	0	1	216	0	0	0	0
3283	1	7	4	62	2	57	4	100	0	0
3503	1	83	0	0	1	76	0	0	0	0
3505	0	0	2	161	0	0	0	0	4	496
3507	0	0	0	0	0	0	1	147	4	551
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	1	12	1	27	1	39
3511	0	0	1	105	0	0	0	0	1	135
3512	0	0	0	0	1	99	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	90	0	0	3	9	6	76
3521	0	0	0	0	0	0	0	0	0	0
3523	1	659	0	0	0	0	0	0	1	28
3525	2	57	0	0	1	60	1	152	4	65
3528	0	0	0	0	0	0	0	0	6	2468
3529	0	0	0	0	0	0	0	0	10	492
3531	4	291	2	483	0	0	0	0	3	216
3532	0	0	0	0	0	0	1	5	11	1599
3533	0	0	0	0	0	0	0	0	0	0
3538	8	660	0	0	0	0	3	24	5	1035
3541	1	329	0	0	0	0	0	0	0	0
3542	2	630	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	18	2781
3546	11	159	4	72	9	79	0	0	16	540
3547	0	0	0	0	1	63	0	0	0	0
3549	0	0	0	0	0	0	1	24	5	52
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	21	1	18	0	0
3559	0	0	0	0	0	0	0	0	1	135
3565	0	0	0	0	0	0	2	15	6	219
3566	0	0	0	0	0	0	1	13	0	0
3567	0	0	0	0	2	21	0	0	2	22
4000	39	585	16	151	67	2022	29	118	3	220
5000	115	32	65	84	1188	273	400	138	466	110
CUT YTD	213	14266	105	1494	1282	3593	475	1647	655	34775
1011	0	116	0	47	0	314	0	44	0	471
3568	1	25	2	54	2	33	3	63	1	18
3569	14	13	28	50	37	21	26	12	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	6	0	0
3575	2	36	0	0	17	927	3	61	7	548
3578	0	0	0	0	56	970	1	13	2	189
3582	0	0	1	12	0	0	0	0	0	0
3583	2	23[illegible]	0	0	0	0	0	0	0	0
3584	8	339	1	35	4	292	2	31	1	236
3588	3	528	0	0	1	39	2	51	1	245
3589	0	0	0	0	0	0	0	0	5	826
3590	3	[illegible]	0	0	3	187	5	217	1	182
3594	2	215	1	11	1	21	1	12	17	419
3595	0	0	2	78	0	0	1	11	3	510
3598	3	448	2	7	1	65	6	1040	66	12041
FRM YTD	38	2256	37	293	122	2868	52	1562	104	15684
TOT YTD	251	16521	142	1788	1404	6461.	527	3209	759	50459

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	426	0	0	8	706	0	0
3045	0	0	6	2020	0	0	28	6227	2	458
3204	2	206	0	0	0	0	1	60	0	0
3206	0	0	0	0	1	119	1	122	6	3570
3209	0	0	0	0	0	0	3	345	0	0
3211	0	0	0	0	0	0	3	124	0	0
3216	0	0	0	0	0	0	0	0	6	6054
3225	0	0	0	0	0	0	1	23	0	0
3245	1	250	0	0	0	0	1	245	1	490
3246	0	0	0	0	0	0	0	0	0	0
3247	5	161	0	0	0	0	14	1122	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	1	48	1	100	1	11
3254	0	0	1	105	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	4	143
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	2	39
3258	0	0	0	0	3	26	5	305	0	0
3264	0	0	0	0	0	0	2	564	1	1329
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	1	55	0	0	0	0
3268	0	0	0	0	0	0	6	485	0	0
3269	1	17	0	0	0	0	3	98	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	1	149
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	119	4	114	3	65
3503	0	0	2	557	0	0	2	124	1	58
3505	2	211	0	0	0	0	5	443	7	300
3507	0	0	0	0	0	0	4	769	1	282
3509	0	0	0	0	0	0	1	612	0	0
3510	0	0	0	0	0	0	11	347	0	0
3511	0	0	0	0	0	0	2	273	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	327	0	0	0	0	0	0
3516	0	0	0	0	0	0	2	129	0	0
3518	0	0	1	247	5	373	83	1513	20	1996
3521	0	0	0	0	0	0	1	329	0	0
3523	0	0	0	0	0	0	0	0	1	509
3525	0	0	1	18	0	0	21	1525	0	0
3528	2	151	0	0	1	274	14	3414	0	0
3529	0	0	1	186	0	0	6	1302	1	308
3531	10	89	0	0	1	36	2	305	0	0
3532	8	151	0	0	0	0	11	1252	3	38
3533	2	55	0	0	0	0	10	379	5	312
3538	2	40	9	407	2	693	57	4196	1	11
3541	1	30	3	777	0	0	5	596	0	0
3542	0	0	1	254	0	0	2	186	1	228
3544	1	174	1	177	1	44	8	684	10	540
3546	0	0	2	153	1	5	9	1292	5	429
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	4	0	0	15	334	2	12
3551	0	0	0	0	0	0	4	163	0	0
3553	0	0	0	0	0	0	8	329	2	124
3559	3	65	0	0	0	0	0	0	0	0
3565	2	52	3	65	3	140	21	991	7	69
3566	0	0	0	0	0	0	0	0	0	0
3567	1	4	0	0	0	0	1	5	10	1156
4000	4	15	217	1931	20	199	73	2450	30	368
5000	1067	248	306	52	1496	246	5788	1212	989	169
CUT YTD	1114	1918	560	7705	1539	2375	6247	35790	1123	19219
1011	0	46	0	211	0	44	0	254	0	641
3568	3	41	0	0	0	0	5	496	6	69
3569	15	11	41	37	82	32	22	39	19	13
3571	1	42	0	0	1	332	10	376	0	0
3573	0	0	0	0	2	62	0	0	2	29
3575	6	56	0	0	3	554	6	199	4	279
3578	0	0	1	280	0	0	5	822	2	534
3582	1	25	0	0	0	0	0	0	13	471
3583	0	0	0	0	0	0	0	0	0	0
3584	1	4	3	236	2	273	19	697	12	574
3588	0	0	1	52	1	54	6	607	9	764
3589	0	0	0	0	0	0	0	0	0	0
3590	1	47	4	193	5	1201	149	3032	20	2418
3594	0	0	0	0	0	0	13	4210	2	220
3595	0	0	1	77	0	0	13	2470	2	2275
3598	1	4	2	1084	2	46	65	3158	21	3927
FRM YTD	29	277	53	2169	98	2597	313	16359	112	12213
TOT YTD	1143	2194	613	9875	1637	4972	6560	52149	1235	31432

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	1	20
3045	1	182	0	0	0	0	0	0	1	61
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	7	392	1	150
3216	2	581	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	1	60
3249	0	0	0	0	0	0	1	137	0	0
3254	0	0	0	0	0	0	1	293	3	293
3255	0	0	0	0	0	0	1	275	4	77
3256	0	0	0	0	0	0	3	27	0	0
3257	0	0	0	0	1	18	0	0	0	0
3258	0	0	0	0	0	0	1	30	2	110
3264	0	0	0	0	0	0	0	0	1	112
3266	0	0	0	0	0	0	0	0	9	968
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	1	27	1	640
3269	0	0	0	0	0	0	0	0	5	35
3276	0	0	0	0	0	0	1	213	0	0
3277	0	0	0	0	0	0	1	46	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	2	196	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	127
3507	0	0	0	0	0	0	4	320	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	6	180	0	0	0	0	0	0	1	17
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	76	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	4	20	6	87
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	2	142	0	0
3525	0	0	2	200	0	0	0	0	1	42
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	22	2	43
3532	0	0	0	0	0	0	1	173	1	64
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	17	8	983	2	46
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	10	0	0	0	0	1	4
3546	0	0	0	0	0	0	0	0	3	96
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	160	0	0	0	0
3551	2	193	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	35	0	0
3565	0	0	0	0	2	49	3	12	1	41
3566	0	0	0	0	0	0	0	0	0	0
3567	1	401	0	0	0	0	0	0	3	306
4000	9	308	6	47	17	50	11	1414	89	574
5000	14	15	100	13	127	96	428	244	539	97
CUT YTD	35	1859	109	270	151	389	483	5075	679	4067
1011	0	0	0	18	0	0	0	235	0	43
3568	0	0	0	0	7	198	11	451	28	1689
3569	0	0	7	7	0	0	61	36	5	5
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	1	4	0	0	0	0
3575	0	0	17	206	1	10	30	1369	16	325
3578	0	0	0	0	0	0	1	37	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	16	2	82	9	261	8	257
3588	0	0	0	0	16	2224	5	488	12	947
3589	0	0	0	0	0	0	0	0	1	65
3590	0	0	1	7	8	173	0	0	2	2500
3594	0	0	0	0	1	431	0	0	0	0
3595	0	0	0	0	0	0	3	77	1	79
3598	0	0	1	20	14	5727	6	50	14	1704
FRM YTD	0	0	27	273	50	8849	126	3003	87	7614
TOT YTD	35	1859	136	543	201	9238	609	8077	766	11681

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	372	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	5	837	0	0	0	0	0	0	0	0
3211	6	1221	0	0	2	290	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	1	588	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	316	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	2	48	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	13	351	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	7	357	5	51	0	0	0	0
3264	1	152	0	0	0	0	0	0	0	0
3266	0	0	1	1019	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	10	0	0	0	0	0	0
3276	11	3014	0	0	0	0	0	0	0	0
3277	6	733	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	25	1	11	1	15	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	3	61	0	0	1	8	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	56	0	0	2	9	0	0	0	0
3521	0	0	0	0	2	750	0	0	0	0
3523	0	0	0	0	5	175	0	0	0	0
3525	0	0	3	406	2	74	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	2	118	0	0	2	86	0	0
3531	3	128	2	65	1	33	0	0	2	16
3532	0	0	0	0	3	63	0	0	1	82
3533	0	0	0	0	0	0	0	0	0	0
3538	4	769	0	0	2	561	0	0	0	0
3541	0	0	2	188	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	145	1	118	1	30	0	0	1	3
3546	1	77	0	0	9	143	14	122	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	194	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	4	69	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	6	120	10	170	8	189	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	29	424	1	35	0	0	0	0
4000	61	1552	23	99	46	153	0	0	3	3
5000	4	6	648	190	1807	1167	43	21	1	3
CUT YTD	119	10363	743	3524	1904	3863	59	229	8	106
1011	0	0	0	490	0	55	0	115	0	0
3568	0	0	5	17	7	181	0	0	0	0
3569	0	0	11	28	405	156	103	40	0	0
3571	0	0	0	0	2	170	0	0	0	0
3573	1	3	0	0	0	0	0	0	0	0
3575	6	107	10	255	23	369	3	26	0	0
3578	0	0	11	467	2	37	0	0	0	0
3582	2	87	0	0	0	0	0	0	0	0
3583	1	25	3	419	0	0	1	230	0	0
3584	17	1889	8	263	10	200	1	15	0	0
3588	0	0	2	164	5	505	0	0	0	0
3589	2	5089	0	0	0	0	0	0	0	0
3590	4	852	3	63	11	2520	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	12	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	75	0	0	0	0
FRM YTD	34	8063	73	2164	467	4267	108	426	0	0
TOT YTD	153	18426	816	5688	2371	8131	167	655	8	106

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	EGYPT		REP S AFR		OTH AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	3	488	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	2	105
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	1	92
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	1	49	0	0	0	0
3269	2	82	0	0	2	16
3276	0	0	0	0	0	0
3277	0	0	0	0	1	62
3281	0	0	0	0	0	0
3283	1	58	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	1	10
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	3	136
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	1	4
3547	0	0	0	0	0	0
3549	0	0	0	0	6	62
3551	1	40	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	1	49	0	0
3566	0	0	0	0	0	0
3567	1	18	0	0	3	4
4000	0	0	14	13	4	63
5000	86	18	340	94	153	48
CUT YTD	92	264	358	644	177	602
1011	0	0	0	53	0	0
3568	1	10	8	95	0	0
3569	0	0	50	33	6	2
3571	0	0	0	0	0	0
3573	1	62	0	0	1	40
3575	3	289	0	0	0	0
3578	0	0	0	0	0	0
3582	1	81	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	32	1	185
3588	0	0	0	0	3	131
3589	0	0	0	0	0	0
3590	0	0	1	61	1	55
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	3	538	3	121
FRM YTD	6	442	63	812	15	534
TOT YTD	98	706	421	1455	192	1136

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	18	1241	0	0	18	1241
CYPRUS	2	3	0	0	2	3
CZECHOSLOVAKIA	1	100	2	593	3	693
EAST GERMANY	0	0	0	0	0	0
FINLAND	36	122	15	321	51	443
GIBRALTAR	0	0	0	0	0	0
GREECE	8	51	0	5	8	55
HUNGARY	16	190	0	0	16	190
ICELAND	3	62	0	0	3	62
MALTA	0	0	2	68	2	68
NORWAY	322	263	28	518	350	781
PORTUGAL	110	19	2	186	112	205
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	516	2051	49	1691	565	3742
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	263	32	14	30	277	62
BARBADOS	27	14	1	21	28	35
BELIZE	1	26	4	50	5	76
BERMUDA	4	3	1	20	5	23
CAYMAN ISLANDS	5	2	1	6	6	8
COSTA RICA	91	426	1	21	92	447
DOMINICAN REP	69	410	12	119	81	528
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	44	100	3	28	47	128
HAITI	6	25	0	6	6	31
HONDURAS	20	128	0	11	20	140
JAMAICA	13	122	0	0	13	122
LW & WW IS	1	6	14	4	15	10
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	1	0	1
PANAMA	27	251	21	94	48	345
SALVADOR	45	84	5	74	50	158
TRINIDAD	10	92	1	128	11	219
TURK ISLAND	4	6	0	0	4	6
OTHER N & C AM	0	0	0	0	0	0
TOTAL	630	1727	78	614	708	2340
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	158	690	6	975	164	1665
ECUADOR	70	326	28	96	98	422
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	1	8	1	2	2	10
PERU	246	622	17	490	263	1112
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	475	1647	52	1562	527	3209
OTHER OCEANIA						
FR. PAC. IS	2	6	0	0	2	6
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	6	101	0	0	6	101
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	8	106	0	0	8	106

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	69	733	12	597	81	1330
BAHRAIN	8	9	0	0	8	9
BANGALDESH	5	38	0	0	5	38
BRUNEI	32	25	0	0	32	25
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	23	1505	1	13	24	1518
IRAN	12	29	3	112	15	141
IRAQ	9	52	9	2	18	54
JORDAN	1	2	0	0	1	2
KUWAIT	59	574	6	460	65	1034
LEBANON	0	0	0	0	0	0
MALAYSIA	21	153	14	501	35	654
NEPAL	0	0	0	0	0	0
OMAN	12	10	3	22	15	32
QATAR	0	0	0	28	0	28
SRI LANKA	3	150	0	0	3	150
SYRIA	2	74	4	321	6	395
THAILAND	487	169	21	109	508	278
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	743	3524	73	2164	816	5688
OTHER AFRICA						
AFARS & ISSAS	5	60	0	0	5	60
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	185	1	185
GABON	0	0	0	0	0	0
GHANA	2	2	1	40	3	43
GUINEA	1	2	0	0	1	2
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	3	13	0	0	3	13
LIBYA	108	34	6	2	114	36
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	35	3	0	0	35	3
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	13	365	3	131	16	496
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	1	55	1	55
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	2	110	0	0	2	110
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	8	14	2	93	10	106
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	1	28	1	28
TOTAL	177	602	15	534	192	1136

SOURCE U S DEPARTMENT OF COMMERCE CENSUS REPORT NO EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' - DOLLAR AMOUNT LESS THAN $500 2)N E C - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	73	9149	2	201
3035	Gear Shapers	5	764	1	95
3045	Gear Cutting Machines, N.E.C.	21	3101	1	35
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2220	171305	170	13029
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	328	31566	20	1829
3409	Horizontal Machining Centers, ATC, NC	715	89382	42	4903
3411	Machining Centers, NC, N.E.C.	774	69504	58	7952
3412	Single Station and Multi-Station Transfer Machines	92	32534	1	88
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1337	1	120
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	47	10769	5	1738
3419	Vertical Boring-Drilling-Milling Machines, NC	245	19034	35	1854
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	97	2916	16	232
3328	Drilling Machines, NC	144	10866	11	591
3329	Drilling Machines, Multi-Spindle, Non-NC	60	4741	13	650
3334	Drilling Machines, Radial, Non-NC	245	2094	18	214
3336	Drilling Machines, Upright, Single Spindle, Non-NC	111	776	19	203
3342	Drilling Machines, Non-NC, N.E.C.	706	20605	28	1290
3464	Milling Machines, NC	804	57295	42	3417
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214	0	0
3467	Milling Machines, Knee Type, Non-NC	3530	19920	202	1070
3468	Milling Machines, Bed Type, Non-NC	333	6664	21	1127
3469	Milling Machines, Non-NC, N.E.C.	1862	28678	158	1889
3476	Vertical Boring Machines, Incl. VTL's, NC	78	10636	2	160
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	210	4419	42	231
3481	Boring Machines, NC, N.E.C.	26	10669	1	156
3483	Boring Machines, Non-NC N.E.C.	507	58150	9	2297
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214	0	0
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3741	158022	319	16041
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	911	63266	77	4740
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	292	23889	20	3278
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3941	32288	228	1665
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	113	3550	4	157
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	130	12064	6	494
3515	Automatic Bar Machines, Single Spindle, Non-NC	57	1890	11	695
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	3063	1	17
3518	Horizontal Lathes, Non-NC, N.E.C.	232	10014	13	555
3505	Vertical Lathes, Multi-Spindle, NC	171	12259	9	736
3519	Vertical Lathes, NSPF, NC	461	29558	30	2270
3522	Vertical Lathes, Excl. VTL's, Non-NC	1656	37037	165	5964
3527	Gear Tooth Grinding & Finishing Machines	458	19607	11	609
3528	Tool & Cutter Grinding Machines, NC	107	4923	15	903
3529	Tool & Cutter Grinding Machines, Non-NC	1269	20135	93	1026
3533	Honing & Lapping Machines	246	14196	38	1268
3539	Grinding Machines, Flat Surface, NC	50	8336	3	1277
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	415	6147	18	383
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1607	29810	107	1994
3546	Grinding & Polishing Machines, NC, N.E.C.	116	13245	7	890
3554	External Grinding Machines, Non-NC	811	19836	26	1762
3556	Internal Grinding Machines, Non-NC	107	5458	7	975
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	194	9757	6	939
3559	Grinding Machines, Non-NC, N.E.C.	1689	58118	71	3876
3562	Traveling Wire Electrical Discharge Machines	867	58266	47	3423
3564	All Other Electrical Discharge Machines	542	24640	23	1407
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	65	4975	9	290
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	202	5542	9	102
3576	Metal Cutting Machines Tools, NC, N.E.C.	192	92097	14	1218
3577	Sawing & Cut-Off Machines, Non-NC	1988	30702	140	3691
3578	Broaching Machines, Non-NC	68	1746	1	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1159	28272	120	2697
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6126	26780	483	2598
5000	Metal Cutting Machine Tools, Less Than $2500**	861561	100968	66113	5538
	TOTAL CUTTING			69162	118867
	TOTAL CUTTING YTD	904891	1654576		
674: METAL FORMING					
1010	Die Casting Machines	705	27906	11	541
3582	Metal Forming Machine Tools, Used or Rebuilt	499	7943	67	749
3583	Metal Forming Machine Tools, Less Than $2500	25782	10064	3114	672
3584	Punching and Shearing Machines, Incl. Combination, NC	483	55352	31	2562
3586	Shearing Machines, Non-NC	1082	21028	79	1411
3587	Punching & Combination Punching & Shearing Machines, Non-NC	683	12039	45	717
3588	Bending, Folding, Straightening & Flattening Machines, NC	394	35158	12	511
3589	Press Brakes, Non-NC	1083	30114	44	895
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	202	2790	4	112
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1288	34589	41	1503
3593	Metal Forming Machine Tools, NC, N.E.C.	60	22378	9	18571
3594	Mechanical Presses, Non-NC	381	58458	16	7168
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	84	7733	1	111
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2844	167701	27	9585
3597	Headers & Upsetters, Non-NC	108	7975	2	45
3598	Forging Machines, Non-NC, N.E.C.	145	9974	12	440
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2160	86902	106	5763
	TOTAL FORMING			3621	51358
	TOTAL FORMING YTD	37983	598148		
	TOTAL ALL TYPES			72783	170225
	TOTAL ALL TYPES YTD	942874	2252724		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	8	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	1	6
3336	0	0	0	0	0	0	0	0	7	78
3342	3	183	0	0	0	0	0	0	1	8
3464	0	0	0	0	0	0	0	0	4	850
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	1	720	0	0
3469	30	144	0	0	0	0	2	559	3	140
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	5	20
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	610
3504	0	0	0	0	0	0	0	0	0	0
3506	1	15	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	1	5	0	0	0	0	0	0	2	52
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	441
3505	0	0	0	0	0	0	0	0	0	0
3519	1	22	0	0	0	0	0	0	0	0
3522	11	95	0	0	0	0	1	1346	2	106
3527	0	0	0	0	0	0	0	0	4	78
3528	0	0	0	0	0	0	0	0	6	195
3529	0	0	0	0	0	0	1	14	9	120
3533	0	0	1	10	0	0	0	0	20	87
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	9	160
3543	0	0	0	0	4	80	1	3	4	37
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	2	11
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	1	3	0	0	2	10	3	104	7	1104
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	1	571	0	0
3577	0	0	0	0	0	0	0	0	3	36
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	38	1	11	3	143
4000	0	0	0	0	0	0	0	0	39	412
5000	48	23	6	2	36	11	339	85	354	125
CUT MO	96	490	7	11	44	146	350	3410	490	4817
CUT YTD	4262	6591	811	2983	761	2486	5398	27307	8624	92311
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	3	40	17	67
3583	0	0	0	0	0	0	48	51	1	2
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	0	0	0	0	0	0	2	51
3587	0	0	0	0	0	0	0	0	30	203
3588	0	0	0	0	0	0	0	0	3	114
3589	0	0	5	137	0	0	1	67	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	2	26
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	1	529
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	7	410	0	0	0	0	5	30
3599	2	6	0	0	1	21	4	247	9	100
FRM MO	2	6	12	547	1	21	56	405	70	1122
FRM YTD	361	927	595	9763	108	1615	955	9599	3261	37498
TOT MO	98	496	19	558	45	168	406	3816	560	5938
TOT YTD	4623	7518	1406	12746	869	4101	6353	36907	11885	129809

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	35
3404	1	131	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	1	212
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	2	1644
3412	0	0	0	0	0	0	0	0	1	88
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	120	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	1	175	0	0	0	0
3329	0	0	0	0	0	0	0	0	3	467
3334	0	0	0	0	4	90	0	0	0	0
3336	0	0	0	0	0	0	11	73	0	0
3342	0	0	0	0	0	0	2	8	4	467
3464	0	0	0	0	0	0	0	0	1	1250
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	64	326	0	0	0	0
3468	0	0	0	0	3	72	1	18	0	0
3469	0	0	0	0	28	396	0	0	1	57
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	254	0	0	3	1153
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	8
3508	0	0	0	0	0	0	2	132	0	0
3510	0	0	0	0	0	0	0	0	1	339
3512	0	0	0	0	3	78	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	1	191
3515	0	0	0	0	0	0	0	0	2	63
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	12	0	0	6	46
3505	0	0	0	0	0	0	0	0	2	354
3519	0	0	0	0	0	0	1	348	1	420
3522	0	0	0	0	2	355	0	0	0	0
3527	0	0	0	0	1	91	0	0	2	253
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	5	58
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	8	91
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	29
3554	0	0	0	0	0	0	0	0	10	776
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	679
3559	1	28	0	0	0	0	1	8	3	256
3562	0	0	0	0	0	0	0	0	11	1257
3564	0	0	0	0	0	0	0	0	12	444
3567	0	0	0	0	0	0	1	53	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	316
3577	0	0	0	0	1	4	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	6	86	0	0	1	11	0	0	0	0
4000	2	2	0	0	14	165	29	61	2	160
5000	246	133	0	0	35	5	153	134	29	10
CUT MO.	256	379	0	0	159	2034	202	954	118	11122
CUT YTD	1637	17143	324	721	2492	19361	2759	11031	3016	96620
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	2	12	10	74
3583	0	0	0	0	0	0	16	15	50	17
3584	0	0	0	0	0	0	0	0	2	385
3586	0	0	5	74	28	250	0	0	0	0
3587	0	0	0	0	0	0	4	59	1	100
3588	0	0	0	0	0	0	0	0	2	27
3589	3	154	1	6	5	23	0	0	0	0
3591	0	0	0	0	0	0	3	78	0	0
3592	0	0	0	0	0	0	3	106	1	14
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	1	111	0	0
3596	0	0	0	0	0	0	0	0	1	375
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	0	0	1	6	8	534
FRM MO.	3	154	6	81	33	273	30	386	75	1527
FRM YTD	642	2511	114	1666	400	3716	635	11601	954	18660
TOT MO.	259	533	6	81	192	2307	232	1340	193	12648
TOT YTD	2279	19655	438	2387	2892	23077	3394	22631	3970	115280

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	19	1	182	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
30[illegible]5	0	0	0	0	0	0	0	0	0	0
3404	9	407	1	124	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	4	326	1	278	0	0	0	0	0	0
3411	0	0	4	1395	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	4	1537	0	0	0	0	0	0
3419	0	0	35	1854	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	9	8	4	143	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	138	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	237	2	161	0	0	3	14	0	0
3464	15	452	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	13	276	1	45	0	0	0	0	0	0
3468	14	163	1	142	0	0	1	12	0	0
3469	0	0	7	116	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	36	110	0	0	0	0	0	0
3481	1	156	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	2	27	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	64	606	3	673	0	0	0	0	0	0
3508	7	872	2	126	0	0	0	0	1	10
3510	0	0	11	1288	0	0	0	0	0	0
3512	61	476	0	0	0	0	0	0	2	44
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	8	551	0	0	0	0	0	0
3516	0	0	1	17	0	0	0	0	0	0
3518	0	0	1	4	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	6	576	0	0	0	0	0	0
3522	15	447	2	1358	0	0	1	6	22	108
3527	0	0	3	91	0	0	0	0	0	0
3528	0	0	2	318	0	0	0	0	0	0
3529	13	80	28	353	0	0	1	11	0	0
3533	7	107	5	819	0	0	0	0	0	0
3539	0	0	3	1277	0	0	0	0	0	0
3541	0	0	1	132	0	0	0	0	0	0
3543	4	342	5	655	16	71	10	63	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	2	42	4	475	0	0	0	0	0	0
3556	1	11	2	524	0	0	0	0	0	0
3558	0	0	3	255	0	0	0	0	0	0
3559	19	264	14	1609	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	1	292	0	0	0	0	0	0
3567	0	0	1	17	0	0	0	0	0	0
3571	7	77	0	0	0	0	1	7	0	0
3576	0	0	5	133	0	0	0	0	0	0
3577	33	240	28	1823	0	0	12	116	0	0
3578	0	0	1	8	0	0	0	0	0	0
3579	12	105	46	1570	0	0	20	124	0	0
4000	49	463	148	334	0	0	22	73	0	0
5000	169	69	2843	1036	0	0	274	137	0	0
CUT MO	530	6243	3275	22543	16	71	347	590	25	162
CUT YTD	14660	77426	142031	279622	590	4237	6810	23306	870	4211
1010	0	0	0	0	0	0	5	378	0	0
3582	4	142	0	0	0	0	19	205	0	0
3583	44	72	2193	319	0	0	8	4	0	0
3584	0	0	5	448	0	0	0	0	0	0
3586	6	149	10	149	0	0	6	90	0	0
3587	0	0	1	21	0	0	0	0	0	0
3588	0	0	1	55	0	0	0	0	0	0
3589	11	55	0	0	0	0	8	267	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	3	18	950	0	0	12	190	0	0
3593	0	0	7	1365	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	7	595	2	42	0	0	4	31	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	15	1270	39	821	0	0	17	778	0	0
FRM MO.	88	2286	2276	4170	0	0	79	1944	0	0
FRM YTD	1005	23317	7567	88287	3	299	1938	29638	38	14952
TOT MO	618	8529	5551	26712	16	71	426	2534	25	162
TOT YTD	15665	100743	149598	367909	593	4536	8748	52944	908	19163

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	1	95	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	139	11672	0	0	0	0
3406	0	0	0	0	11	1101	0	0	0	0
3409	0	0	0	0	24	3822	0	0	0	0
3411	0	0	0	0	38	4439	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	201	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	73	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	9	46	0	0	0	0
3334	0	0	0	0	10	88	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	4	0	0	4	95	0	0	0	0
3464	0	0	0	0	7	400	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	11	41	0	0	4	188	0	0	0	0
3476	0	0	0	0	2	160	0	0	0	0
3477	0	0	0	0	1	101	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	168	12730	43	1246	0	0
3508	0	0	0	0	44	3496	0	0	0	0
3510	0	0	0	0	8	1651	0	0	0	0
3512	0	0	0	0	1	21	18	145	14	129
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	5	303	0	0	0	0
3515	0	0	0	0	1	81	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	53	0	0	0	0
3505	0	0	0	0	3	140	0	0	0	0
3519	0	0	0	0	12	564	0	0	0	0
3522	3	56	0	0	45	1719	0	0	0	0
3527	0	0	0	0	1	96	0	0	0	0
3528	0	0	0	0	7	390	0	0	0	0
3529	0	0	0	0	10	179	0	0	25	207
3533	0	0	0	0	5	245	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	37	573	0	0	3	32
3546	0	0	0	0	6	861	0	0	0	0
3554	0	0	0	0	7	449	0	0	0	0
3556	1	7	0	0	2	418	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	8	333	0	0	3	109	0	0	0	0
3562	0	0	0	0	36	2166	0	0	0	0
3564	0	0	0	0	10	671	0	0	0	0
3567	0	0	0	0	7	221	0	0	0	0
3571	0	0	0	0	1	19	0	0	0	0
3576	0	0	0	0	6	198	0	0	0	0
3577	0	0	4	266	44	1132	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	17	519	0	0	8	53
4000	7	72	0	0	23	224	0	0	0	0
5000	0	0	0	0	1942	385	400	136	90	14
CUT MO.	31	513	4	266	2705	52093	461	1527	140	434
CUT YTD	2215	3317	195	1970	145551	841771	1302	10839	841	6898
1010	0	0	0	0	5	155	0	0	0	0
3582	0	0	0	0	12	208	0	0	0	0
3583	0	0	0	0	210	40	0	0	0	0
3584	0	0	0	0	24	1729	0	0	0	0
3586	0	0	0	0	22	648	0	0	0	0
3587	0	0	6	103	3	231	0	0	0	0
3588	0	0	0	0	6	315	0	0	0	0
3589	0	0	3	58	7	128	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	4	215	0	0	0	0
3593	0	0	0	0	2	17206	0	0	0	0
3594	0	0	0	0	12	7118	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	11	8006	1	8	0	0
3597	0	0	0	0	2	45	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	9	1976	0	0	1	3
FRM MO.	0	0	9	161	329	38020	1	8	1	3
FRM YTD	265	32	54	1116	10050	332781	18	73	51	448
TOT MO.	31	513	13	427	3034	90113	462	1535	141	437
TOT YTD	2480	3350	249	3086	155601	1174552	1320	10911	892	7346

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	20	696	0	0	0	0
3406	8	515	0	0	0	0
3409	13	477	0	0	0	0
3411	14	473	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	0	0
3328	10	417	0	0	0	0
3329	0	0	0	0	0	0
3334	2	14	0	0	1	16
3336	1	51	0	0	0	0
3342	6	110	0	0	1	4
3464	15	464	0	0	0	0
3466	0	0	0	0	0	0
3467	124	424	0	0	0	0
3468	0	0	0	0	0	0
3469	72	249	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	2	254
3504	0	0	0	0	0	0
3506	39	762	0	0	0	0
3508	21	104	0	0	0	0
3510	0	0	0	0	0	0
3512	108	577	0	0	18	137
3513	4	157	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	4	243
3519	9	340	0	0	0	0
3522	60	338	0	0	1	31
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	1	5	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	22	119	0	0	1	20
3546	0	0	0	0	0	0
3554	0	0	0	0	1	8
3556	0	0	0	0	1	15
3558	1	5	0	0	0	0
3559	6	40	0	0	3	9
3562	0	0	0	0	0	0
3564	0	0	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	15	74	0	0	0	0
3578	0	0	0	0	0	0
3579	5	39	0	0	0	0
4000	144	605	0	0	4	28
5000	59106	3209	0	0	43	25
CUT MO.	59826	10262	0	0	80	789
CUT YTD	556248	116136	515	717	2979	7435
1010	1	8	0	0	0	0
3582	0	0	0	0	0	0
3583	410	128	122	5	12	19
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	1	34	0	0
3592	0	0	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	4	50
3595	0	0	0	0	0	0
3596	0	0	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	0	0
FRM MO.	411	135	123	39	16	70
FRM YTD	7879	3138	157	359	933	6107
TOT MO.	60237	10397	123	39	96	859
TOT YTD	564127	119274	672	1076	3912	13542

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	39	0	0	2	39
EAST GERMANY	2	35	0	0	2	35
FINLAND	2	254	5	6	7	259
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	17	2	0	0	17	2
MALTA	0	0	0	0	0	0
NORWAY	3	9	0	0	3	9
POLAND	18	137	0	0	18	137
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	44	475	5	6	49	481
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	4	243	0	0	4	243
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	2	12	0	0	2	12
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	6	255	0	0	6	255
OTHER SOUTH AMERICA						
ARGENTINA	1	1	0	0	1	1
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	1	16	0	0	1	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	2	17	0	0	2	17
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	20	16	7	14	27	30
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	20	16	7	14	27	30

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	3	4	0	0	3	4
INDIA	1	1	0	0	1	1
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	1	2	0	0	1	2
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	5	7	0	0	5	7
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	3	19	0	0	3	19
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. .. RICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	4	50	4	50
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	19	4	50	7	70

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

A8050-3B

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	91	8131	26	3963
3045	Gear Cutting Machines, N.E.C.	90	20841	4	1316
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	16	1589	3	261
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	27	7637	4	1985
3211	Machining Centers, NC, N.E.C.	80	7455	12	1264
3216	Single Station and Multi-Station Transfer Machines	47	37400	4	5271
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	4471	4	1358
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	49	2588	25	709
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1287	1	77
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	36	3395	2	111
3254	Drilling Machines, NC	19	2013	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	48	8569	2	200
3256	Drilling Machines, Radial, Non-NC	27	498	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	13	234	2	12
3258	Drilling Machines, Non-NC, N.E.C.	173	4091	17	379
3264	Milling Machines, NC	33	9710	3	424
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	59	4665	13	541
3267	Milling Machines, Knee Type, Non-NC	8	511	1	43
3268	Milling Machines, Bed Type, Non-NC	16	3261	6	485
3269	Milling Machines, Non-NC, N.E.C.	111	7055	12	654
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	346	21939	46	3656
3281	Boring Machines, NC, N.E.C.	6	1728	0	0
3283	Boring Machines, Non-NC, N.E.C.	83	4769	12	469
3503	Horizontal Lathes, Multi-Spindle, NC	7	897	2	124
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	130	9829	12	820
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3278	1	282
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	1489	1	105
3510	Horizontal Engine & Toolroom Lathes, Non-NC	68	1154	2	65
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	11	1878	1	135
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	14	620	1	42
3515	Automatic Bar Machines, Single-Spindle, Non-NC	28	1066	1	49
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	1214	4	371
3518	Horizontal Lathes, Non-NC, N.E.C.	1426	21775	78	1552
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	13	3582	1	597
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	31	3275	1	659
3525	Vertical Lathes, Excl. VTLs, Non-NC	146	8911	9	1036
3528	Grinding, Polishing, Honing & Lapping Machines, NC	86	10409	17	2104
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	54	6650	7	1250
3531	Tool & Cutter Grinding Machines, Non-NC	170	5306	25	668
3532	Honing & Lapping Machines, Non-NC	243	8822	11	1121
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	58	1415	10	182
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	194	15281	21	2453
3541	External Grinding Machines, Non-NC	28	2981	2	359
3542	Internal Grinding Machines, Non-NC	11	2190	3	834
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	8097	10	1287
3546	Grinding Machines, Non-NC, N.E.C.	214	5863	16	1429
3547	Traveling Wire Electrical Discharge Machines	8	447	2	151
3549	All Other Electrical Discharge Machines	97	2025	2	164
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	35	1120	5	92
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213	0	0
3565	Sawing & Cut-Off Machines, Non-NC	438	8435	26	485
3566	Broaching Machines, Non-NC	10	592	2	10
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	188	7026	7	273
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3445	36115	610	5365
5000	Metal Cutting Machine Tools, Less Than $2500**	36169	13023	2307	810
	TOTAL CUTTING			3396	48058
	TOTAL CUTTING YTD	44998	371265		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	18351	0	1238
3568	Metal Forming Machine Tools, Used Or Rebuilt	938	7599	99	700
3569	Metal Forming Machine Tools, Less Than $2500	4106	2764	380	250
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415	0	
3573	Shearing Machines, Non-NC	64	1464	2	6
3575	Punching & Combination Punching & Shearing Machines, Non-NC	466	15966	39	1458
3578	Bending, Folding, Straightening & Flattening Machines, NC	119	5961	2	548
3582	Press Brakes, Non-NC	96	4154	0	0
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	19	1357	1	29
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	473	22424	44	2227
3588	Mechanical Presses, Non-NC	165	14843	15	3668
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	47	8704	2	99
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	703	39917	67	5228
3594	Headers & Upsetters, Non-NC	70	11487	8	1145
3595	Forging Machines, Non-NC, N.E.C.	94	8169	2	1239
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	688	51450	66	3233
	TOTAL FORMING			727	21069
	TOTAL FORMING YTD	8088	219059		
	TOTAL ALL TYPES			4123	69127
	TOTAL ALL TYPES YTD	53086	590324		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	56	0	0	0	0	10	307	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	23	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	45	3639	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	2	13	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	204	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	34	0	0
3566	0	0	2	10	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	15	0	0	1	57	0	0
5000	0	0	0	0	0	0	0	0	2	2
CUT MO	3	79	48	3664	0	0	15	614	2	2
CUT YTD	28	440	952	20921	6	213	2773	4565	38	932
1011	0	21	0	0	0	0	0	168	0	0
3568	0	0	0	0	0	0	1	7	0	0
3569	0	0	4	3	0	0	11	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	102	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	0	21	4	3	1	102	12	182	0	0
FRM YTD	12	666	112	2614	9	192	223	6067	70	1241
TOT MO	3	100	52	3667	1	102	27	796	2	2
TOT YTD	40	1106	1064	23535	15	405	2996	10632	108	2173

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	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	306
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	439
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	18	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	163
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	1	597	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	2	514	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	66	424	12	244	0	0	20	50	0	0
5000	25	1	13	9	0	0	0	0	10	14
CUT MO.	94	1536	26	270	0	0	20	50	14	922
CUT YTD	834	6652	276	2411	7	410	1111	1988	517	2932
1011	0	49	0	0	0	0	0	0	0	3
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	6	2	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	45	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	10	313	0	0	0	0	1	79	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	377
3594	0	0	1	295	0	0	1	172	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	29	740
FRM MO.	10	363	8	342	0	0	2	251	30	1120
FRM YTD	56	10122	70	1118	8	307	28	1172	57	2861
TOT MO.	104	1899	34	612	0	0	22	301	44	2043
TOT YTD	890	16774	346	3529	15	717	1139	3161	574	5793

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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	15	2200	0	0
3045	0	0	0	0	0	0	2	1042	0	0
3204	0	0	1	219	0	0	1	26	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	219	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	3	0	0	0	0
3258	5	188	0	0	0	0	0	0	0	0
3264	1	118	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	25	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	182	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	500	0	0
3528	0	0	1	93	0	0	0	0	0	0
3529	0	0	0	0	0	0	5	1164	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	6	37	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	30	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	145	0	0
3546	0	0	1	22	0	0	2	982	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	40	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	3	37	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	150	0	0
4000	178	57	12	110	0	0	1	60	0	0
5000	127	11	206	100	0	0	171	76	0	0
CUT MO.	311	374	230	1546	1	3	209	6625	0	0
CUT YTD	1881	4893	2967	35843	7	1027	1680	20907	56	1133
1011	0	0	0	3	0	0	0	58	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	16	12	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	4	378	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	150	1	27	0	0	0	0	0	0
3588	0	0	2	87	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	5	43	0	0	2	103	0	0
3594	0	0	1	50	0	0	1	141	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	6	220	0	0	0	0	0	0
FRM MO.	2	150	15	430	0	0	23	692	0	0
FRM YTD	45	1474	238	7450	1	240	417	16073	3	482
TOT MO.	313	524	245	1975	1	3	232	7316	0	0
TOT YTD	1926	6367	3205	43293	8	1266	2097	36980	59	1615

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	162	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	130	0	0	0	0	0	0
3211	1	47	1	101	2	107	0	0	0	0
3216	0	0	1	517	1	760	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	12	180	13	530	0	0	0	0
3248	0	0	1	77	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	2	200	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	10	0	0	0	0
3258	0	0	0	0	3	113	1	11	0	0
3264	0	0	0	0	2	306	0	0	0	0
3266	0	0	2	179	0	0	0	0	0	0
3267	0	0	1	43	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	3	266	5	123	0	0	1	225
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	9	104	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	6	399	1	77	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	105	0	0	0	0	0	0
3510	0	0	1	26	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	42	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	322	0	0	0	0	0	0
3518	0	0	1	6	71	1203	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	79	5	124	0	0	0	0
3528	0	0	10	575	2	145	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	22	142	1	12	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	3	56	0	0	2	8	0	0
3538	1	100	2	112	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	2	318	0	0	0	0	0	0
3546	0	0	3	27	1	15	0	0	0	0
3547	0	0	1	138	1	13	0	0	0	0
3549	0	0	0	0	1	44	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	3	33	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	11	143	7	207	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	15	4	90	0	0	0	0
4000	1	9	61	517	146	1748	7	16	0	0
5000	7	2	993	221	101	77	4	5	167	23
CUT MO	13	320	1147	4933	380	5841	14	39	168	248
CUT YTD	516	2051	7883	43567	4305	63755	630	1727	301	782
1011	0	0	0	380	0	405	0	15	0	0
3568	0	0	4	53	85	462	4	50	0	0
3569	0	0	208	138	27	30	12	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	1	4	0	0	0	0
3575	0	0	6	165	18	575	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	171	9	359	1	12	0	0	0	0
3588	0	0	2	2175	4	112	0	0	0	0
3589	0	0	0	0	2	99	0	0	0	0
3590	0	0	4	328	50	1387	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	6	0	0	0	0
3598	0	0	11	375	11	78	0	0	0	0
FRM MO	2	171	244	3972	200	3169	16	67	0	0
FRM YTD	49	1691	2483	41415	2101	30118	78	614	14	383
TOT MO.	15	491	1391	8906	580	9010	30	106	168	248
TOT YTD	565	3742	10366	84982	6406	93873	708	2340	315	1166

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	4	734
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	16	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	705	0	0	0	0	0	0	0	0
3211	1	202	0	0	0	0	5	435	1	213
3216	0	0	0	0	0	0	0	0	1	3775
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	6	60	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	17	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	161	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	39
3511	0	0	0	0	0	0	0	0	1	135
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	1	659	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	770
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	5	1084
3533	0	0	0	0	0	0	0	0	0	0
3538	7	649	0	0	0	0	0	0	0	0
3541	1	329	0	0	0	0	0	0	0	0
3542	2	630	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	233
3546	0	0	0	0	0	0	0	0	8	237
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3552	0	0	0	0	0	0	1	18	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	32
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	24	1404	0	0	0	0
5000	29	4	0	0	0	0	20	21	6	6
CUT MO.	44	3800	4	194	24	1404	32	534	32	7259
CUT YTD	213	14266	105	1494	1282	3593	475	1647	655	34775
1011	0	4	0	0	0	19	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	61	0	0
3578	0	0	0	0	0	0	0	0	1	156
3582	0	0	0	0	0	0	0	0	0	0
3583	1	29	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	66	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	908	1	722
FRM MO.	2	100	0	0	0	19	5	969	2	878
FRM YTD	38	2256	37	293	122	2868	52	1562	104	15684
TOT MO.	46	3900	4	194	24	1423	37	1503	34	8137
TOT YTD	251	16521	142	1788	1404	6461	527	3209	759	50459

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	188	0	0
3045	0	0	0	0	0	0	0	0	1	92
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	1	245	1	490
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	1	100	1	11
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	2	7	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	6	485	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	2	124	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	1	282
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	49	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	50	0	0
3518	0	0	0	0	2	80	0	0	3	207
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	2	521	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	1	10	0	0	0	0	4	108	0	0
3538	0	0	0	0	0	0	8	850	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	44	2	265	1	134
3546	0	0	1	145	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	120	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	21	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	11	0	0	8	32	1	60	11	219
5000	92	22	1	1	30	31	14	15	143	19
CUT MO.	95	43	4	216	43	193	44	3130	162	1453
CUT YTD	1114	1918	560	7705	1539	2375	6247	35790	1123	19219
1011	0	0	0	18	0	0	0	27	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	6	8	3	4	2	3	3	6	5	5
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	16	0	0	0	0	0	0	1	124
3578	0	0	0	0	0	0	1	392	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	85	1	41	1	59	0	0
3588	0	0	0	0	0	0	2	512	4	86
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	2	112	2	393
3594	0	0	0	0	0	0	3	421	0	0
3595	0	0	0	0	0	0	0	0	1	1233
3598	0	0	0	0	1	41	1	23	0	0
FRM MO.	7	24	4	107	4	85	13	1552	13	1841
FRM YTD	29	277	53	2169	98	2597	313	16359	112	12213
TOT MO.	102	67	8	323	47	278	57	4682	175	3294
TOT YTD	1143	2194	613	9875	1637	4972	6560	52149	1235	31432

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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	182	0	0	0	0	0	0	0	0
320[illegible]	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	177	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	729	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	4	198	40	99
5000	0	0	1	1	15	13	16	24	14	4
CUT MO	1	182	1	1	15	13	22	1128	54	103
CUT YTD	35	1859	109	270	151	389	483	5075	679	4067
[illegible]	0	0	0	10	0	0	[illegible]	0	0	0
3568	0	0	0	0	2	60	3	68	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	696
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	2485
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	11	1	23
FRM MO	0	0	0	10	2	60	4	79	3	3204
FRM YTD	0	0	27	273	50	8849	126	3003	87	7614
TOT MO	1	182	1	11	17	73	26	1206	57	3307
TOT YTD	35	1859	136	543	201	9238	609	8077	766	11681

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	372	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	160	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	56	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	332	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	2	86	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	118	1	30	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	12	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	12	15	0	0	1	7	0	0	0	0
5000	0	0	39	8	41	84	0	0	0	0
CUT MO.	15	454	41	457	44	281	2	86	0	0
CUT YTD	119	10363	743	3524	1904	3863	59	229	8	106
1011	0	0	0	0	0	1	0	55	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	77	31	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	1	3	0	0	0	0	0	0	0	0
3575	3	83	0	0	2	12	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	14	829	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	18	914	0	0	79	44	0	55	0	0
FRM YTD	34	8063	73	2164	467	4267	108	426	0	0
TOT MO.	33	1369	41	457	123	325	2	141	0	0
TOT YTD	153	18426	816	5688	2371	8131	167	655	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	1	18	0	0	0	0
4000	0	0	0	0	1	16
5000	0	0	12	6	8	13
CUT MO.	1	18	12	6	9	28
CUT YTD	92	264	358	644	177	602
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	2	93
FRM MO.	0	0	0	0	2	93
FRM YTD	6	442	63	812	15	534
TOT MO.	1	18	12	6	11	121
TOT YTD	98	706	421	1455	192	1136

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	1	100	0	0	1	100
EAST GERMANY	0	0	0	0	0	0
FINLAND	8	49	0	0	8	49
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	3	162	0	0	3	162
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0
PORTUGAL	1	9	2	171	3	179
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	13	320	2	171	15	491
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	4	50	4	50
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	2	13	0	0	2	13
DOMINICAN REP.	0	0	0	3	0	3
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	4	5	0	4	4	9
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	8	0	8
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	12	2	12	2
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	2	7	0	0	2	7
SALVADOR	2	8	0	0	2	8
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	4	6	0	0	4	6
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	14	39	16	67	30	106
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	19	20	2	908	21	928
ECUADOR	8	80	0	0	8	80
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	5	435	3	61	8	496
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	32	534	5	969	37	1503
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	10	5	0	0	10	5
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	1	332	0	0	1	332
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	29	3	0	0	29	3
LEBANON	0	0	0	0	0	0
MALAYSIA	1	118	0	0	1	118
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	41	457	0	0	41	457
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	1	2	0	0	1	2
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	16	0	0	1	16
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	1	1	0	0	1	1
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	6	10	2	93	8	102
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	9	28	2	93	11	121

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

6/25/87 A8050-3A

REPORT

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machine
tool builders
association

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STATISTICAL
REPORT NO. 95-87
June 23, 1987

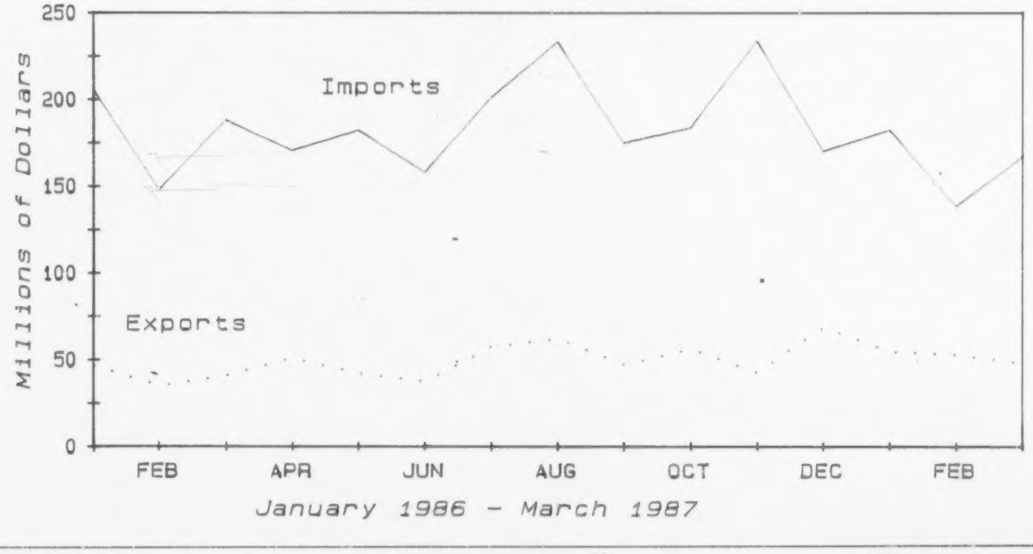
U.S. FOREIGN TRADE IN MACHINE TOOLS
FIRST QUARTER 1987

U.S. exports of machine tools increased 27% from their first quarter 1986 level of $123.2 million rising to $155.9 million for the first quarter of 1987. Exports were however 7% below their fourth quarter 1986 total. U.S. imports, at $488.6 million, were off 10% from their first quarter 1986 level and 17% below imports in the previous quarter. These changes combined to produce a trade deficit of $332.7 million for the first quarter of 1987. This is 21% below the deficit for both the previous quarter and the first quarter of 1986.

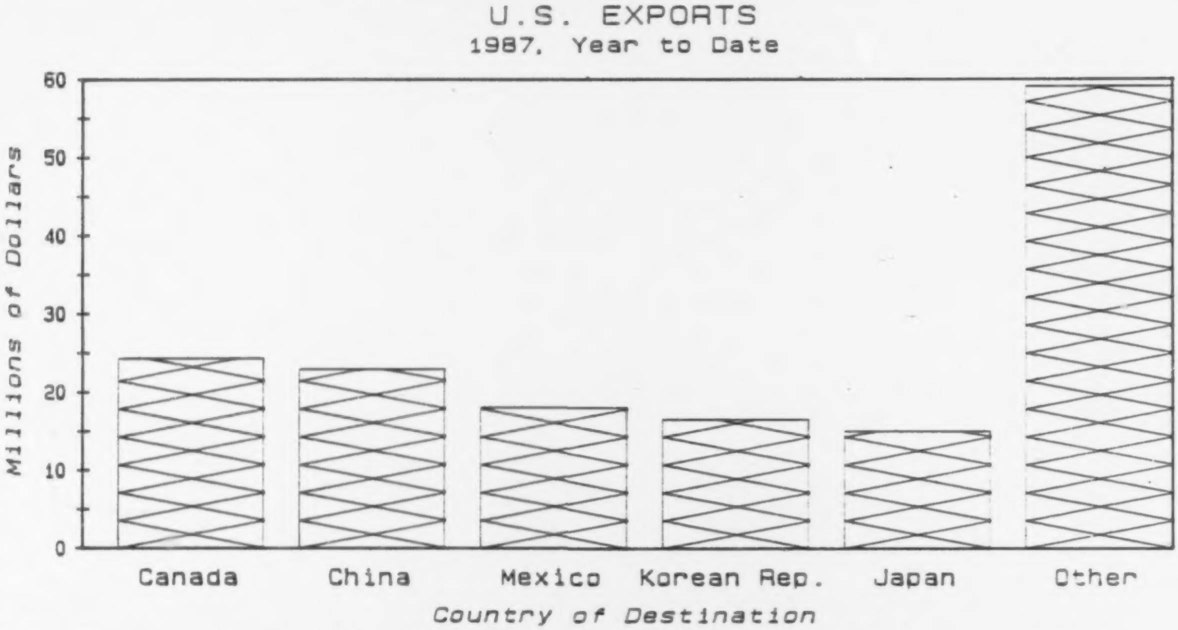
First Quarter 1987
($Millions)

1st Qtr. 1987	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 85.3	$ 385.6	($ 300.3)
Metal Forming	$ 70.6	$ 103.0	($ 32.4)
Total	$ 155.9	$ 488.6	($ 332.7)

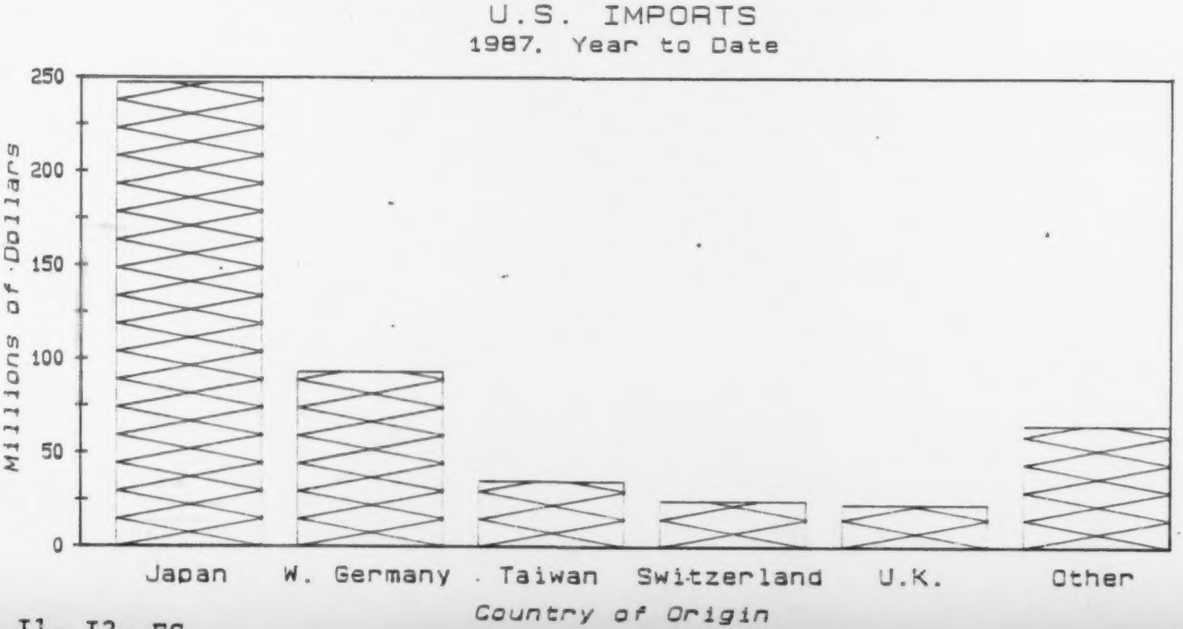
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



U.S. Exports of metal cutting and metal forming machine tools during the first quarter of 1987 totaled $85.3 million and $70.6 million, respectively. These totals represent an 11% increase in metal cutting exports and a 52% increase in metal forming exports over the first quarter of 1986. Compared to last quarter, exports of metal cutting machines declined 21% while metal forming exports rose 18%. For the first three months of 1987, the leading export markets were (in millions): Canada ($24.3), China ($22.9), Mexico ($18.0), Korean Republic ($16.5) and Japan ($15.0).



U.S. Imports of metal cutting machine tools fell 12% from the first quarter of 1986 and dropped 5% from last quarter to stand at $385.6 million for the current period. Compared to the first and fourth quarters of 1986, metal forming machine tool imports declined 2% and 43%, respectively, to $103.0 million for the current period. Leading exporters of machine tools to the U.S. during the first quarter of 1987 were (in millions): Japan ($247.3), West Germany ($93.5), Taiwan ($35.2), Switzerland ($24.6) and United Kingdom ($22.8).



I1, I2, ES

SPECIAL ADDENDUM

Revision to U.S. Imports of Machine Tools 1986

We have been advised by the U.S. Department of Commerce that there was a classification error in the November monthly totals for metal forming machine tools. Imports from Japan in TSUS code 674:3596 "Hydraulic and Pneumatic Presses, Non-NC, N.E.C." were originally reported as 1913 units valued at $31,751,632. This should be changed to 15 units valued at $30,800,546. Revised year-to-date totals for this category should read as follows:

1986 TOTALS

	Units	Value $000
3596 - Japan	524	$ 130,195
3596 - Total	946	$ 166,750
Total Forming	36,085	$ 597,197
Total All Types	940,976	$2,251,773

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1987

RELEASED: JUNE 23, 1987

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3025	Gear Hobbers	29	4272
3035	Gear Shapers	9	1802
3045	Gear Cutting Machines, N.E.C.	5	572
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	446	36756
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	94	7837
3409	Horizontal Machining Centers, ATC, NC	199	26101
3411	Machining Centers, NC, N.E.C.	153	15270
3412	Single Station and Multi-Station Transfer Machines	16	5774
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	1106
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	25	8342
3419	Vertical Boring-Drilling-Milling Machines, NC	67	5181
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	6	247
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	28	615
3328	Drilling Machines, NC	34	1902
3329	Drilling Machines, Multi-Spindle, Non-NC	16	694
3334	Drilling Machines, Radial, Non-NC	22	165
3336	Drilling Machines, Upright, Single Spindle, Non-NC	9	56
3342	Drilling Machines, Non-NC, N.E.C.	161	4028
3464	Milling Machines, NC	155	8335
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	1	110
3467	Milling Machines, Knee Type, Non-NC	921	5793
3468	Milling Machines, Bed Type, Non-NC	60	1169
3469	Milling Machines, Non-NC, N.E.C.	225	3387
3476	Vertical Boring Machines, Incl. VTL's, NC	6	977
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	35	1110
3481	Boring Machines, NC, N.E.C.	9	1648
3483	Boring Machines, Non-NC N.E.C.	77	2883
3504	Horizontal Lathes, Multi-Spindle, NC	24	1745
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	897	44789
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	126	12103
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	27	3848
3512	Horizontal Engine & Toolroom Lathes, Non-NC	813	6372
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	30	1015
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	17	2113
3515	Automatic Bar Machines, Single Spindle, Non-NC	14	633
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	29	702
3518	Horizontal Lathes, Non-NC, N.E.C.	79	990
3505	Vertical Lathes, Multi-Spindle, NC	34	3055
3519	Vertical Lathes, NSPF, NC	91	7792
3522	Vertical Lathes, Excl. VTL's, Non-NC	246	4047
3527	Gear Tooth Grinding & Finishing Machines	52	9608
3528	Tool & Cutter Grinding Machines, NC	14	514
3529	Tool & Cutter Grinding Machines, Non-NC	251	3106
3533	Honing & Lapping Machines	84	4548
3539	Grinding Machines, Flat Surface, NC	8	431
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	50	842
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	416	7098
3546	Grinding & Polishing Machines, NC, N.E.C.	62	10660
3554	External Grinding Machines, Non-NC	61	2574
3556	Internal Grinding Machines, Non-NC	5	152
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	22	1520
3559	Grinding Machines, Non-NC, N.E.C.	376	16227
3562	Traveling Wire Electrical Discharge Machines	153	10765
3564	All Other Electrical Discharge Machines	85	5106
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	27	2601
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	26	805
3576	Metal Cutting Machines Tools, NC, N.E.C.	20	25332
3577	Sawing & Cut-Off Machines, Non-NC	413	4566
3578	Broaching Machines, Non-NC	14	384
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	392	13879
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1110	6107
5000	Metal Cutting Machine Tools, Less Than $2500**	258866	23403
	TOTAL CUTTING	267744	385580
674:	METAL FORMING		
1010	Die Casting Machines	58	7077
3582	Metal Forming Machine Tools, Used or Rebuilt	124	1036
3583	Metal Forming Machine Tools, Less Than $2500	6564	2316
3584	Punching and Shearing Machines, Incl. Combination, NC	95	15163
3586	Shearing Machines, Non-NC	188	4597
3587	Punching & Combination Punching & Shearing Machines, Non-NC	301	4355
3588	Bending, Folding, Straightening & Flattening Machines, NC	39	2549
3589	Press Brakes, Non-NC	284	7481
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	25	375
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	295	6919
3593	Metal Forming Machine Tools, NC, N.E.C.	34	16442
3594	Mechanical Presses, Non-NC	64	7174
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	26	646
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	97	4781
3597	Headers & Upsetters, Non-NC	45	1752
3598	Forging Machines, Non-NC, N.E.C.	61	2546
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	370	17784
	TOTAL FORMING	8670	102998
	TOTAL ALL TYPES	276414	488578

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	350	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	1	546
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	2	1106
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	4	195
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	3	477
3328	2	10	0	0	0	0	0	0	0	0
3329	0	0	0	0	1	5	1	9	1	10
3334	0	0	0	0	0	0	0	0	1	16
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	4	37	42	820
3464	1	20	0	0	0	0	0	0	7	487
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	3	83
3469	1	40	0	0	1	33	2	87	9	122
3476	0	0	0	0	0	0	0	0	1	120
3477	0	0	0	0	0	0	0	0	28	259
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	24	0	0	26	294
3504	0	0	0	0	0	0	0	0	3	13
3506	0	0	0	0	0	0	1	85	3	33
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	3	104	0	0	0	0	0	0	2	285
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	14	3	12
3505	0	0	0	0	0	0	1	437	0	0
3519	2	270	0	0	0	0	0	0	0	0
3522	22	329	1	25	0	0	0	0	2	71
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	11	285
3529	0	0	8	153	0	0	0	0	16	231
3533	0	0	0	0	0	0	0	0	1	27
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	25	244
3543	0	0	0	0	4	109	2	12	30	485
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	4	104
3559	2	413	4	18	23	128	9	27	43	940
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	326
3571	0	0	0	0	0	0	0	0	1	46
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	1	13	1	33	31	361
3578	0	0	0	0	0	0	0	0	5	175
3579	3	339	0	0	0	0	2	110	27	710
4000	10	82	3	16	0	0	12	62	89	625
5000	140	164	340	48	84	44	828	416	812	272
CUT YTD	186	1771	362	611	115	355	865	1327	1237	9779
1010	0	0	1	4	0	0	0	0	9	143
3582	0	0	0	0	0	0	1	15	16	102
3583	19	4	10	21	1	2	108	72	946	248
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	18	655	0	0	7	154	24	564
3587	0	0	0	0	1	10	0	0	9	587
3588	0	0	1	605	0	0	0	0	9	528
3589	0	0	15	532	0	0	5	158	5	87
3591	0	0	0	0	0	0	0	0	3	40
3592	1	99	5	39	0	0	2	122	45	736
3593	0	0	0	0	0	0	0	0	1	44
3594	0	0	0	0	0	0	1	185	6	3546
3595	0	0	0	0	0	0	0	0	8	79
3596	0	0	0	0	0	0	2	50	8	377
3597	0	0	1	17	0	0	0	0	24	723
3598	2	56	0	0	0	0	1	22	3	604
3599	6	781	24	1294	2	51	26	828	50	1177
FRM YTD	28	940	75	3167	4	63	153	1607	1166	9585
TOT YTD	214	2710	437	3778	119	418	1018	2934	2403	19364

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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	56
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	1	359	1	1143
3411	1	168	0	0	0	0	0	0	4	1596
3412	0	0	0	0	0	0	0	0	10	2005
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	921
3422	0	0	0	0	0	0	0	0	2	33
3423	0	0	0	0	1	7	0	0	2	32
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	9	99	0	0	0	0
3336	0	0	0	0	0	0	2	9	0	0
3342	0	0	0	0	10	32	[illegible]	6	0	0
3464	0	0	0	0	0	0	1	321	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	312	2071	0	0	0	0
3468	0	0	0	0	8	191	0	0	0	0
3469	0	0	0	0	20	471	3	447	3	393
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	443
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	14	51	0	0	1	277
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	1	161	0	0
3510	0	0	0	0	0	0	1	151	8	143
3512	0	0	0	0	12	236	0	0	0	0
3513	0	0	0	0	0	0	0	0	2	105
3514	0	0	0	0	0	0	0	0	2	650
3515	0	0	0	0	6	70	0	0	3	91
3516	0	0	0	0	0	0	0	0	27	388
3518	0	0	0	0	0	0	0	0	2	21
3505	0	0	0	0	1	60	0	0	0	0
3519	0	0	0	0	0	0	4	851	0	0
3522	0	0	0	0	2	13	0	0	7	451
3527	0	0	0	0	1	25	0	0	18	1732
3528	0	0	0	0	0	0	0	0	1	113
3529	2	21	0	0	0	0	2	15	24	295
3533	0	0	0	0	0	0	0	0	2	51
3539	0	0	0	0	0	0	0	0	1	78
3541	0	0	0	0	1	7	0	0	0	0
3543	0	0	0	0	2	57	3	43	2	459
3546	0	0	0	0	0	0	0	0	11	1644
3554	0	0	0	0	1	33	3	201	8	322
3556	0	0	0	0	0	0	0	0	0	0
3558	7	107	0	0	0	0	0	0	3	570
3559	3	56	0	0	0	0	2	20	46	2022
3562	0	0	0	0	0	0	0	0	15	1312
3564	0	0	0	0	1	31	0	0	7	702
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	11	38	0	0	1	6	0	0	1	40
3578	0	0	0	0	0	0	0	0	0	0
3579	4	88	0	0	15	118	13	53	13	225
4000	2	10	1	4	14	53	17	122	58	486
5000	56	73	0	0	417	128	483	351	422	83
CUT YTD	86	561	1	4	848	3763	538	3110	710	18881
1010	0	0	0	0	0	0	0	0	7	5
3582	2	10	0	0	0	0	4	10	13	102
3583	64	23	0	0	2	4	40	19	35	13
3584	1	196	0	0	0	0	0	0	16	2996
3586	1	6	5	81	2	7	1	304	1	21
3587	0	0	0	0	0	0	13	187	3	276
3588	0	0	0	0	0	0	0	0	2	28
3589	2	89	12	163	2	31	0	0	0	0
3591	0	0	0	0	0	0	18	299	0	0
3592	0	0	1	12	1	153	13	204	24	469
3593	0	0	0	0	0	0	0	0	4	134
3594	0	0	0	0	0	0	1	341	2	396
3595	0	0	0	0	0	0	0	0	0	0
3596	1	37	0	0	1	222	4	558	1	44
3597	0	0	0	0	0	0	0	0	0	0
3598	12	238	0	0	0	0	0	0	12	66
3599	0	0	0	0	14	211	1	25	10	1164
FRM YTD	83	599	18	256	22	629	95	1947	130	5715
TOT YTD	169	1160	19	259	870	4391	633	5057	840	24596

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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	18	3397	0	0	0	0	0	0
3035	0	0	3	873	0	0	0	0	0	0
3045	0	0	3	415	0	0	0	0	0	0
3404	20	905	1	150	0	0	0	0	0	0
3406	4	332	0	0	0	0	0	0	0	0
3409	13	755	5	612	0	0	0	0	0	0
3411	7	764	12	2671	0	0	0	0	0	0
3412	0	0	5	3223	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	3	484	9	6545	0	0	1	25	0	0
3419	0	0	54	3824	0	0	1	18	0	0
3422	0	0	0	0	4	214	0	0	0	0
3423	0	0	2	40	0	0	0	0	0	0
3328	1	18	2	128	0	0	0	0	0	0
3329	0	0	3	231	0	0	0	0	0	0
3334	0	0	1	9	0	0	0	0	0	0
3336	0	0	7	47	0	0	0	0	0	0
3342	4	114	18	1418	1	7	7	53	0	0
3464	42	1516	8	1207	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	16	765	2	170	0	0	0	0	0	0
3468	6	82	1	214	0	0	0	0	0	0
3469	0	0	13	547	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	2	38	0	0	0	0	0	0
3481	2	748	0	0	0	0	0	0	0	0
3483	3	581	9	475	1	70	8	541	0	0
3504	0	0	3	515	0	0	0	0	0	0
3506	136	1265	10	1334	0	0	1	3	0	0
3508	7	726	12	1703	0	0	0	0	0	0
3510	0	0	3	794	0	0	0	0	0	0
3512	168	1426	0	0	0	0	10	133	12	88
3513	1	10	1	73	0	0	0	0	0	0
3514	0	0	2	606	0	0	0	0	0	0
3515	0	0	1	353	0	0	0	0	0	0
3516	2	314	0	0	0	0	0	0	0	0
3518	0	0	0	1	63	646	2	92	0	0
3505	0	0	1	288	0	0	0	0	4	29
3519	0	0	6	481	0	0	0	0	0	0
3522	27	483	10	462	2	52	6	280	42	157
3527	1	6	26	7795	0	0	0	0	0	0
3528	0	0	1	10	0	0	0	0	0	0
3529	47	771	35	710	0	0	11	171	0	0
3533	29	364	47	3786	0	0	0	0	0	0
3539	1	24	3	161	0	0	0	0	0	0
3541	0	0	16	492	0	0	0	0	0	0
3543	14	861	39	1612	38	263	29	173	0	0
3546	0	0	37	7478	0	0	0	0	0	0
3554	2	32	25	1435	0	0	0	0	0	0
3556	0	0	1	74	0	0	0	0	0	0
3558	4	63	4	677	0	0	0	0	0	0
3559	57	3406	68	6192	0	0	5	32	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	3	389	0	0	0	0	3	16
3567	0	0	2	779	0	0	0	0	0	0
3571	9	63	6	87	0	0	0	0	0	0
3576	1	72	2	478	0	0	0	0	0	0
3577	52	454	115	1030	11	32	47	595	0	0
3578	3	88	3	19	0	0	0	0	0	0
3579	43	1056	118	5009	0	0	114	2723	0	0
4000	239	787	77	1487	1	9	53	224	0	0
5000	2453	672	15876	2161	0	0	2256	1095	12	23
CUT YTD	3417	20005	16731	74700	121	1292	2551	6156	73	313
1010	9	65	5	960	0	0	12	1085	0	0
3582	55	280	7	32	0	0	20	216	0	0
3583	783	268	935	421	0	0	526	212	0	0
3584	0	0	11	1638	0	0	0	0	0	0
3586	8	79	1	117	0	0	11	285	0	0
3587	2	160	55	1994	0	0	7	28	0	0
3588	3	156	12	548	0	0	1	136	0	0
3589	1	8	0	0	0	0	33	1002	0	0
3591	0	0	1	12	0	0	0	0	0	0
3592	7	49	38	2003	0	0	80	1555	0	0
3593	0	0	20	896	0	0	2	49	0	0
3594	5	53	2	345	0	0	2	128	0	0
3595	1	17	8	434	0	0	0	0	0	0
3596	6	594	7	1434	0	0	38	506	0	0
3597	0	0	7	651	0	0	0	0	0	0
3598	2	72	17	1394	0	0	0	0	0	0
3599	12	945	84	5926	0	0	57	2059	0	0
FRM YTD	894	2746	1210	18804	0	0	789	7260	0	0
TOT YTD	4311	22751	17941	93504	121	1292	3340	13416	73	313

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	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	3	444	1	25	0	0
3035	0	0	0	0	6	929	0	0	0	0
3045	0	0	1	13	1	144	0	0	0	0
3404	0	0	0	0	378	33654	0	0	1	59
3406	0	0	0	0	59	6235	2	105	0	0
3409	0	0	0	0	140	21769	0	0	1	54
3411	3	52	0	0	79	8224	4	195	1	50
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	2	53	0	0	8	1137	2	99	0	0
3419	0	0	0	0	1	35	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	2	8	0	0	1	4	0	0	0	0
3328	0	0	0	0	11	1245	0	0	0	0
3329	0	0	0	0	10	440	0	0	0	0
3334	0	0	0	0	1	4	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	42	1080	0	0	1	20
3464	0	0	0	0	36	4190	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	1	5	6	70	0	0
3469	40	162	0	0	12	547	0	0	0	0
3476	0	0	0	0	3	742	2	116	0	0
3477	1	33	0	0	3	338	0	0	0	0
3481	0	0	0	0	7	899	0	0	0	0
3483	0	0	0	0	13	566	0	0	0	0
3504	0	0	0	0	7	1185	0	0	0	0
3506	0	0	0	0	573	38293	62	2482	3	30
3508	0	0	0	0	103	9374	3	139	0	0
3510	0	0	0	0	14	2719	1	41	0	0
3512	5	28	0	0	10	613	75	422	53	502
3513	0	0	0	0	7	344	4	34	0	0
3514	0	0	0	0	13	857	0	0	0	0
3515	0	0	0	0	4	119	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	17	0	0	3	184	0	0	0	0
3505	0	0	0	0	26	2154	0	0	1	88
3519	0	0	0	0	75	6071	0	0	0	0
3522	0	0	0	0	11	533	7	396	0	0
3527	2	12	0	0	2	10	0	0	0	0
3528	0	0	0	0	1	107	0	0	0	0
3529	1	8	0	0	25	273	0	0	11	178
3533	0	0	0	0	5	320	0	0	0	0
3539	0	0	0	0	3	169	0	0	0	0
3541	0	0	0	0	5	56	0	0	0	0
3543	8	35	0	0	85	1437	2	21	1	14
3546	0	0	0	0	14	1538	0	0	0	0
3554	0	0	0	0	6	373	0	0	0	0
3556	4	79	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	2	20	0	0	34	2472	0	0	0	0
3562	0	0	0	0	137	9444	0	0	0	0
3564	0	0	0	0	62	3892	0	0	0	0
3567	0	0	0	0	18	1379	0	0	0	0
3571	0	0	0	0	8	601	0	0	0	0
3576	0	0	0	0	16	24747	0	0	0	0
3577	0	0	4	241	57	1382	0	0	0	0
3578	0	0	0	0	3	103	0	0	0	0
3579	0	0	0	0	31	3293	0	0	2	95
4000	3	52	1	9	109	1107	0	0	0	0
5000	66	31	1	2	12117	2448	99	167	127	20
CUT YTD	142	588	7	264	14399	200225	270	4311	202	1108
1010	0	0	0	0	15	4816	0	0	0	0
3582	0	0	0	0	5	242	1	27	0	0
3583	192	3	0	0	946	404	3	2	1	2
3584	0	0	0	0	67	10333	0	0	0	0
3586	0	0	25	446	72	1744	0	0	9	108
3587	0	0	0	0	211	1112	0	0	0	0
3588	0	0	6	104	5	444	0	0	0	0
3589	0	0	9	210	187	4924	0	0	6	155
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	43	1342	0	0	0	0
3593	0	0	0	0	5	15215	0	0	0	0
3594	0	0	0	0	41	2057	0	0	0	0
3595	0	0	0	0	1	16	0	0	5	68
3596	0	0	0	0	14	844	0	0	0	0
3597	0	0	0	0	13	360	0	0	0	0
3598	0	0	0	0	12	94	0	0	0	0
3599	0	0	0	0	62	3127	1	11	0	0
FRM YTD	192	3	40	760	1699	47072	5	40	21	334
TOT YTD	334	591	47	1024	16098	247298	275	4351	223	1442

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	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	46	1989	0	0	0	0
3406	29	1164	0	0	0	0
3409	38	1408	0	0	0	0
3411	41	1512	0	0	1	40
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	5	189	0	0	0	0
3422	0	0	0	0	0	0
3423	17	47	0	0	0	0
3328	13	365	0	0	5	136
3329	0	0	0	0	0	0
3334	10	37	0	0	0	0
3336	0	0	0	0	0	0
3342	25	333	0	0	5	109
3464	60	595	0	0	0	0
3466	1	110	0	0	0	0
3467	571	2688	0	0	20	99
3468	35	524	0	0	0	0
3469	119	528	0	0	2	11
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	4
3504	11	32	0	0	0	0
3506	106	1155	0	0	2	109
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	442	2341	0	0	21	194
3513	15	449	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	1	4
3505	0	0	0	0	0	0
3519	2	69	0	0	2	51
3522	99	732	0	0	8	64
3527	1	4	0	0	1	24
3528	0	0	0	0	0	0
3529	69	281	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	3	43	0	0	0	0
3543	157	1517	0	0	0	0
3546	0	0	0	0	0	0
3554	14	116	0	0	2	63
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	56	375	7	36	15	72
3562	1	9	0	0	0	0
3564	9	76	0	0	0	0
3567	0	0	6	118	0	0
3571	0	0	0	0	2	8
3576	1	35	0	0	0	0
3577	81	342	0	0	0	0
3578	0	0	0	0	0	0
3579	7	59	0	0	0	0
4000	202	874	0	0	219	101
5000	204356	14446	30	24	17891	735
CUT YTD	206642	34441	43	178	18198	1821
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	1837	449	7	5	109	146
3584	0	0	0	0	0	0
3586	1	5	0	0	2	21
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	2	38	0	0	5	85
3591	3	24	0	0	0	0
3592	10	64	0	0	25	70
3593	0	0	0	0	2	105
3594	0	0	0	0	4	123
3595	3	31	0	0	0	0
3596	12	86	2	19	1	10
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	6	59	0	0	15	127
FRM YTD	1874	756	9	24	163	687
TOT YTD	208516	35197	52	202	18361	2508

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
MARCH 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	10	112	0	0	10	112
EAST GERMANY	9	246	1	58	10	304
FINLAND	74	139	1	2	75	141
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	4	17	4	17
HUNGARY	6	110	4	108	10	219
ICELAND	0	0	0	0	0	0
IRELAND	1	7	1	22	2	29
MALTA	0	0	0	0	0	0
NORWAY	15	60	2	105	17	164
POLAND	24	211	0	0	24	211
ROMANIA	2	31	3	18	5	49
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	141	916	16	331	157	1247
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	17751	664	96	240	17847	904
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	1	1	0	0	1	1
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	17752	665	96	240	17848	905
OTHER SOUTH AMERICA						
ARGENTINA	6	70	0	0	6	70
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	1	3	0	0	1	3
URAGUAY	0	0	0	0	0	0
VENEZUELA	1	3	0	0	1	3
OTHER S. AM.	0	0	0	0	0	0
TOTAL	8	75	0	0	8	75
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	10	12	35	9	45	21
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	10	12	35	9	45	21

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

MARCH 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	260	23	6	66	266	89
INDIA	3	8	7	5	10	13
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	1	4	0	0	1	4
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	20	99	0	0	20	99
TOTAL	284	133	13	72	297	205
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	3	20	0	0	3	20
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	3	35	3	35
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	20	3	35	6	55

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH [illegible]987

RELEASED: JUNE 23, 1987

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3020	Gear Hobbers & Shapers	5	1102
3045	Gear Cutting Machines, N.E.C.	23	7555
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	17	628
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	1	254
3209	Horizontal Machining Centers, ATC, NC	7	2086
3211	Machining Centers, NC, N.E.C.	34	2213
3216	Single Station and Multi-Station Transfer Machines	11	5962
3225	Way Type Machines (Unit Heads)	2	193
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	150
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	5	302
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1373
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	21	668
3254	Drilling Machines, NC	6	466
3255	Drilling Machines, Multi-Spindle, Non-NC	21	1077
3256	Drilling Machines, Radial, Non-NC	12	105
3257	Drilling Machines, Upright, Single Spindle, Non-NC	5	29
3258	Drilling Machines, Non-NC, N.E.C.	47	804
3264	Milling Machines, NC	14	2505
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	8	190
3267	Milling Machines, Knee Type, Non-NC	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0
3269	Milling Machines, Non-NC, N.E.C.	38	1684
3276	Vertical Boring Machines, Incl. VTLs, NC	1	371
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	78	5385
3281	Boring Machines, NC, N.E.C.	0	0
3283	Boring Machines, Non-NC, N.E.C.	11	1210
3503	Horizontal Lathes, Multi-Spindle, NC	1	389
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	21	1893
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	3	767
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	1	150
3510	Horizontal Engine & Toolroom Lathes, Non-NC	28	527
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	3	115
3515	Automatic Bar Machines, Single-Spindle, Non-NC	7	158
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	13	505
3518	Horizontal Lathes, Non-NC, N.E.C.	231	7143
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	1	617
3525	Vertical Lathes, Excl. VTLs, Non-NC	23	1297
3528	Grinding, Polishing, Honing & Lapping Machines, NC	30	2749
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	6	700
3531	Tool & Cutter Grinding Machines, Non-NC	51	1016
3532	Honing & Lapping Machines, Non-NC	129	2395
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	66	617
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	58	5747
3541	External Grinding Machines, Non-NC	6	281
3542	Internal Grinding Machines, Non-NC	10	887
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	50	2077
3546	Grinding Machines, Non-NC, N.E.C.	54	1113
3547	Traveling Wire Electrical Discharge Machines	0	0
3549	All Other Electrical Discharge Machines	27	241
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	2	142
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	7	244
3559	Metal Cutting Machine Tools, NC, N.E.C.	7	737
3565	Sawing & Cut-Off Machines, Non-NC	112	2194
3566	Broaching Machines, Non-NC	2	39
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	40	1448
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	911	9954
5000	Metal Cutting Machine Tools, Less Than $2500**	5762	2780
	TOTAL CUTTING	8042	85249
674:	METAL FORMING		
1011	Die Casting Machines & Parts	0	3875
3568	Metal Forming Machine Tools, Used Or Rebuilt	201	2975
3569	Metal Forming Machine Tools, Less Than $2500	1901	1023
3571	Punching & Shearing Machines, Incl. Combination, NC	16	1820
3573	Shearing Machines, Non-NC	18	1730
3575	Punching & Combination Punching & Shearing Machines, Non-NC	117	2599
3578	Bending, Folding, Straightening & Flattening Machines, NC	22	1520
3582	Press Brakes, Non-NC	15	342
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	2	313
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	128	3245
3588	Mechanical Presses, Non-NC	55	3415
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	10	2323
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	207	11797
3594	Headers & Upsetters, Non-NC	12	2169
3595	Forging Machines, Non-NC, N.E.C.	97	2145
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	213	29305
	TOTAL FORMING	3014	70602
	TOTAL ALL TYPES	11056	155851

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	5	604	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	4	39	1	5
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	29	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	62	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	73	4617	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	302	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	20	0	0	1	81	0	0
3532	0	0	6	121	0	0	3	34	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	1	5
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	2	21	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	12	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	5	54	0	0	3	22	0	0
5000	0	0	158	143	0	0	7	4	11	4
CUT YTD	2	64	245	4954	0	0	31	1163	13	15
1011	0	14	0	0	0	0	0	87	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	137	27	6	6	32	22	0	0
3571	0	0	0	0	1	148	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	4	51
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	20	1	62	0	0
3588	0	0	0	0	0	0	1	25	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	173	0	0	3	660	1	215
FRM YTD	0	14	141	200	8	175	37	855	5	266
TOT YTD	2	77	386	5154	8	175	68	2018	18	280

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	312	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	770	0	0	0	0	0	0
3211	1	239	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	16	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	617	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	11	108	10	115	0	0	1	95	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	274	1	120	0	0	0	0	0	0
3541	0	0	1	74	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	3	364	0	0	0	0	2	45	0	0
3546	1	3	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	30	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	2	79	0	0	0	0	0	0	0	0
4000	66	109	0	0	0	0	1	25	1	60
5000	67	43	20	9	2	2	158	15	0	0
CUT YTD	159	1578	33	1088	3	619	163	182	1	60
1011	0	25	0	92	0	0	0	0	0	18
3568	4	8	0	0	0	0	0	0	0	0
3569	0	0	8	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	25	1	6	0	0	1	165	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	29	0	0	0	0	5	259	1	44
3588	1	35	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	5	205	0	0	0	0	4	624
3594	0	0	0	0	0	0	0	0	0	0
3595	1	59	2	55	0	0	0	0	0	0
3598	1	1336	4	334	0	0	0	0	1	40
FRM YTD	10	1551	21	696	0	0	6	424	6	726
TOT YTD	169	3130	54	1784	3	619	169	606	7	786

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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	11	2941	2	500
3204	0	0	1	178	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	0	0	0	0
3211	0	0	1	34	0	0	1	35	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	65	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	27	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	4	201	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	8	37	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	4	83	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	222	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	245	0	0	1	40	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	3	0	0	3	115	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	3	115	0	0
3515	0	0	1	6	0	0	0	0	0	0
3516	0	0	2	30	0	0	6	153	0	0
3518	0	0	16	1053	0	0	3	115	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	17	0	0	1	18	0	0
3528	8	512	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	4	681	0	0
3531	0	0	0	0	0	0	5	37	0	0
3532	14	163	0	0	0	0	34	350	0	0
3533	0	0	0	0	0	0	1	12	0	0
3538	1	134	9	760	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	38	0	0	0	0	0	0
3546	0	0	3	133	0	0	3	19	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	1	187	0	0	1	188	0	0	0	0
3565	0	0	0	0	0	0	7	83	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	2	10	124	2	8	53	470	0	0
5000	188	28	1148	311	0	0	148	49	0	0
CUT YTD	213	1026	1217	4082	3	196	288	5433	2	500
1011	0	909	0	393	0	0	0	76	0	0
3568	0	0	9	18	0	0	0	0	0	0
3569	2	3	24	18	0	0	68	57	0	0
3571	2	178	4	223	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	48	0	0
3575	4	91	3	42	0	0	3	70	2	125
3578	0	0	0	0	0	0	6	315	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	33	0	0	19	391	0	0
3588	0	0	9	1283	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	27	0	0
3590	0	0	2	29	36	1042	6	719	0	0
3594	0	0	0	0	0	0	4	547	0	0
3595	0	0	2	382	0	0	0	0	0	0
3598	0	0	11	747	0	0	8	356	0	0
FRM YTD	8	1182	65	3168	36	1042	116	2606	2	125
TOT YTD	221	2208	1282	7249	39	1238	404	8039	4	625

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	50	0	0	0	0	0	0
3045	0	0	1	122	1	56	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	1	254	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	21	1206	3	184	0	0	0	0
3216	0	0	7	1057	2	1440	0	0	0	0
3225	0	0	1	89	0	0	0	0	0	0
3245	0	0	1	85	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	138	0	0	0	0	0	0
3248	0	0	1	37	0	0	0	0	0	0
3249	0	0	3	42	1	250	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	19	972	1	75	0	0	0	0
3256	1	15	2	23	4	23	0	0	0	0
3257	0	0	0	0	4	15	1	14	0	0
3258	0	0	5	63	6	143	1	3	0	0
3264	0	0	0	0	2	321	0	0	0	0
3266	0	0	1	51	5	56	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	34	2	191	11	419	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	26	1	13	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	58	5	884	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	11	1215	0	0	0	0	0	0
3507	0	0	0	0	1	328	0	0	0	0
3509	0	0	1	150	0	0	0	0	0	0
3510	0	0	14	168	5	100	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	3	28	0	0	0	0
3516	0	0	5	322	0	0	0	0	0	0
3518	0	0	8	80	143	2173	1	45	2	150
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	65	0	0	0	0	0	0
3528	0	0	5	157	0	0	0	0	0	0
3529	0	0	1	10	0	0	0	0	0	0
3531	2	49	24	194	5	15	0	0	2	99
3532	0	0	12	318	3	17	0	0	5	230
3533	0	0	15	220	3	106	0	0	0	0
3538	0	0	5	1686	12	156	3	87	0	0
3541	0	0	2	93	1	23	0	0	0	0
3542	0	0	0	0	3	78	0	0	0	0
3544	0	0	7	70	3	23	0	0	0	0
3546	0	0	12	110	11	128	2	258	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	5	26	2	10	13	46	0	0
3551	0	0	1	43	0	0	0	0	0	0
3553	0	0	0	0	2	26	0	0	0	0
3559	0	0	3	43	1	65	0	0	0	0
3565	0	0	37	487	36	313	0	0	0	0
3566	0	0	0	0	2	39	0	0	0	0
3567	0	0	6	53	13	199	0	0	0	0
4000	3	199	178	2009	308	2641	23	89	0	0
5000	34	18	1362	831	143	186	47	61	8	10
CUT YTD	41	315	1785	12809	746	10531	91	602	17	488
1011	0	9	0	1264	0	447	0	80	0	0
3568	0	0	43	207	64	636	17	52	0	0
3569	0	0	1030	585	158	175	9	12	0	0
3571	0	0	4	467	0	0	0	0	0	0
3573	0	0	4	197	0	0	0	0	3	390
3575	0	0	26	365	25	342	3	36	0	0
3578	0	0	3	65	1	33	0	0	0	0
3582	0	0	11	145	2	28	0	0	0	0
3583	0	0	0	0	1	285	0	0	0	0
3584	16	386	49	631	15	525	0	0	0	0
3588	0	0	13	467	20	710	1	20	0	0
3589	0	0	1	22	5	456	0	0	0	0
3590	0	0	18	4280	97	2076	0	0	0	0
3594	0	0	2	15	1	14	0	0	0	0
3595	0	0	72	757	2	198	5	34	0	0
3598	1	40	38	2075	33	1576	0	0	0	0
FRM YTD	17	435	1314	11540	424	7498	35	232	3	390
TOT YTD	58	749	3099	24349	1170	18029	126	835	20	878

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	282	0	0	0	0	0	0	0	0
3045	1	515	0	0	0	0	0	0	7	3422
3204	15	383	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	3	185	0	0
3216	1	230	0	0	0	0	0	0	1	3235
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	10	1337
3249	10	211	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	30	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	10	0	0	15	83	0	0
3264	0	0	3	96	0	0	0	0	0	0
3266	1	21	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	169	0	0	1	13	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	1	389
3505	0	0	0	0	2	91	0	0	2	238
3507	0	0	0	0	0	0	0	0	2	439
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	3	87
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	21	0	0	3	93
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	366
3528	0	0	0	0	0	0	0	0	4	517
3529	0	0	0	0	0	0	1	10	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	215	0	0	0	0	4	77	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	30
3551	0	0	1	99	0	0	0	0	0	0
3553	0	0	1	85	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	4	207
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	268	15	7	23	154	13	160	10	12
5000	41	4	4	8	15	12	22	23	0	0
CUT YTD	75	2328	26	305	43	291	58	536	49	10372
1011	0	15	0	0	0	44	0	0	0	0
3568	11	979	0	0	0	0	2	26	16	320
3569	0	0	18	13	0	0	280	48	0	0
3571	0	0	0	0	0	0	0	0	1	37
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	34	0	0	0	0
3578	0	0	0	0	0	0	0	0	8	602
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	9	6	180	0	0	2	341
3588	0	0	0	0	1	14	0	0	0	0
3589	0	0	1	42	0	0	0	0	1	1756
3590	4	118	0	0	1	55	1	204	5	48
3594	0	0	0	0	0	0	0	0	0	0
3595	1	196	0	0	0	0	0	0	0	0
3598	1	174	1	78	1	63	0	0	37	9417
FRM YTD	17	1483	21	142	10	389	283	278	70	12521
TOT YTD	92	3810	47	448	53	679	341	814	119	22892

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	457
3045	0	0	0	0	0	0	0	0	0	0
3204	1	67	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	94	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	3	138
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	7	165	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	45	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	342	3	358
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	73
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	1	24	1	29
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	90	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	168
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	78	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	13	1563
3529	0	0	0	0	0	0	0	0	0	0
3531	1	3	1	126	0	0	0	0	1	108
3532	5	93	1	68	0	0	0	0	2	284
3533	0	0	0	0	0	0	0	0	5	162
3538	0	0	1	8	0	0	2	48	4	756
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	286	0	0	0	0	4	320
3544	0	0	1	200	0	0	0	0	5	738
3546	1	4	6	92	0	0	2	5	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	101
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	20	0	0	2	108
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	20	2	230	3	44	10	602
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	15	1	96
4000	1	10	0	0	1	3	0	0	15	279
5000	376	80	53	19	0	0	105	77	238	166
CUT YTD	388	379	68	1004	4	254	122	720	315	6505
1011	0	33	0	55	0	0	0	0	0	13
3568	2	148	1	39	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	10	8
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	10	2	31	0	0	0	0	4	351
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	1	86
3588	0	0	0	0	0	0	0	0	1	130
3589	0	0	0	0	0	0	0	0	0	0
3590	1	16	0	0	0	0	0	0	11	984
3594	0	0	0	0	0	0	1	33	4	1561
3595	0	0	0	0	0	0	0	0	0	0
3598	2	100	0	0	0	0	0	0	22	5321
FRM YTD	7	307	3	125	0	0	1	33	53	8455
TOT YTD	395	686	71	1129	4	254	123	752	368	14960

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	18
3216	0	0	0	0	0	0	0	0	0	0
3225	1	104	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	2	266
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	144	0	0	0	0	2	43	0	0
3264	3	1228	0	0	0	0	2	160	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	11	409	0	0	0	0	2	220	1	15
3276	0	0	0	0	0	0	0	0	0	0
3277	2	710	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	11	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	1	33	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	41	3217	0	0	0	0	1	9	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	43	0	0	0	0	11	355	1	53
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	2	117	0	0	0	0	1	38	3	131
3532	7	282	0	0	0	0	2	14	1	3
3533	0	0	0	0	0	0	0	0	42	118
3538	0	0	0	0	0	0	3	341	5	413
3541	0	0	0	0	0	0	2	91	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	3	456	0	0	0	0	24	99	1	44
3546	9	332	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	3	108
3566	0	0	0	0	0	0	0	0	0	0
3567	9	720	0	0	0	0	0	0	6	280
4000	112	1327	0	0	7	112	19	1062	1	8
5000	255	134	0	0	94	52	155	83	80	38
CUT YTD	461	9266	0	0	101	163	224	2514	147	1493
1011	0	243	0	0	0	0	0	0	0	14
3568	11	230	0	0	0	0	10	255	0	0
3569	2	2	0	0	48	11	5	5	1	2
3571	0	0	0	0	0	0	2	505	0	0
3573	8	645	0	0	0	0	2	450	0	0
3575	10	160	0	0	0	0	3	18	7	321
3578	1	300	0	0	0	0	1	124	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	519	0	0	0	0	1	17	1	117
3589	1	21	0	0	0	0	0	0	0	0
3590	10	1196	0	0	0	0	4	78	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	10	363	0	0	0	0	0	0	0	0
3598	33	3593	0	0	0	0	3	624	4	107
FRM YTD	87	7271	0	0	48	11	31	2076	13	561
TOT YTD	548	16537	0	0	149	174	255	4590	160	2054

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	2	219	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	84	1	31	2	90	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	43	0	0	0	0	0	0
3276	1	371	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	35	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	2	405	1	198	0	0	1	15	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	2	202	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	4	29	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	1	254	0	0	0	0
3565	5	35	0	0	1	24	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	6	0	0	0	0	0	0
4000	3	494	12	100	9	47	0	0	0	0
5000	0	0	157	81	638	267	2	2	0	0
CUT YTD	14	1608	174	460	654	920	7	46	0	0
1011	0	0	0	2	0	29	0	3	0	0
3568	0	0	0	0	0	0	1	8	0	0
3569	0	0	45	9	12	3	0	0	0	0
3571	0	0	0	0	2	261	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	39	8	264	3	42	2	12	0	0
3578	0	0	1	34	1	48	0	0	0	0
3582	2	170	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	8	241	0	0	0	0	0	0
3588	0	0	5	79	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	89	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	101	0	0	0	0
3598	0	0	0	0	1	50	2	316	0	0
FRM YTD	4	208	67	629	21	624	5	339	0	0
TOT YTD	18	1816	241	1088	675	1543	12	386	0	0

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	1	20
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	65	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	2	5	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	12	100	0	0
3533	0	0	0	0	0	0
3538	1	50	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	1	5
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	13	74	2	27
5000	0	0	10	17	16	5
CUT YTD	3	55	36	256	20	57
1011	0	11	0	0	0	0
3568	0	0	10	50	0	0
3569	0	0	6	13	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	1	28	0	0	0	0
3584	1	10	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	1	1911
FRM YTD	2	49	16	63	1	1911
TOT YTD	5	104	52	320	21	1968

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
MARCH 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	2	49	0	0	2	49
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	89	9	95	11	184
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	18	8	0	3	18	12
MALTA	0	0	0	0	0	0
NORWAY	18	59	0	5	18	64
PORTUGAL	1	110	8	331	9	441
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	41	315	17	435	58	749
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	2	3	2	3
BARBADOS	2	5	0	0	2	5
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	10	171	2	20	12	191
DOMINICAN REP.	5	15	24	105	29	120
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	26	44	1	22	27	66
HAITI	1	14	0	2	1	16
HONDURAS	2	15	0	4	2	19
JAMAICA	0	0	5	34	5	34
LW & WW IS.	2	6	0	0	2	6
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	2	3	0	0	2	3
PANAMA	12	275	0	0	12	275
SALVADOR	3	6	0	28	3	34
TRINIDAD	26	48	1	16	27	64
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	91	602	35	232	126	835
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	31	405	1	204	32	608
ECUADOR	9	26	277	47	286	72
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	15	83	3	2	18	85
SURINAM	0	0	0	0	0	0
URAGUAY	3	23	2	26	5	49
OTHER S. AM.	0	0	0	0	0	0
TOTAL	58	536	283	278	341	814
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
MARCH 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	44	27	1	34	45	62
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	3	6	0	0	3	6
JORDAN	88	28	0	0	88	28
KUWAIT	5	206	0	0	5	206
LEBANON	0	0	0	0	0	0
MALAYSIA	2	6	12	333	14	339
NEPAL	0	0	0	0	0	0
OMAN	18	13	0	0	18	13
PHILIPPINES	2	34	41	20	43	55
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	12	141	13	241	25	381
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	174	460	67	629	241	1088
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	1	5	1	1911	2	1916
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	17	29	0	0	17	29
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	1	20	0	0	1	20
ZIMBABWE	1	2	0	0	1	2
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	20	57	1	1911	21	1968

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'O-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

7/21/87 A8050-3A

REPORT

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STATISTICAL
REPORT NO. 105-87
July 17, 1987

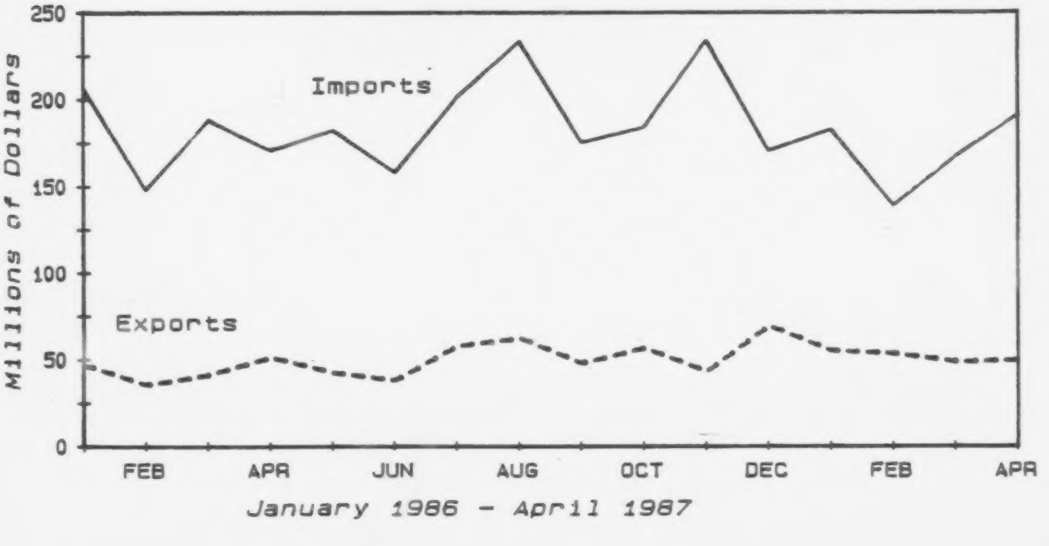
U.S. FOREIGN TRADE IN MACHINE TOOLS - APRIL 1987

During April of 1987, U.S. exports increased 3% from their March 1987 level. Year-to-date machine tool exports of $205.3 million were 18% above the same period last year. Compared to last month, U.S. imports rose 14% to $191.4 million. U.S. foreign trade in machine tools during April of 1987 produced a trade deficit of $142.0 million, bringing the four month total deficit to $474.6 million, down 12% from the same period last year.

U.S. Machine Tool Trade
($Millions)

	April 1987			Four Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 27.5	$153.2	($125.7)	$112.8	$ 538.7	($ 425.9)
Metal Forming	$ 21.9	$ 38.2	($ 16.3)	$ 92.5	$ 141.2	($ 48.7)
Total	$ 49.4	$191.4	($142.0)	$205.3	$ 679.9	($ 474.6)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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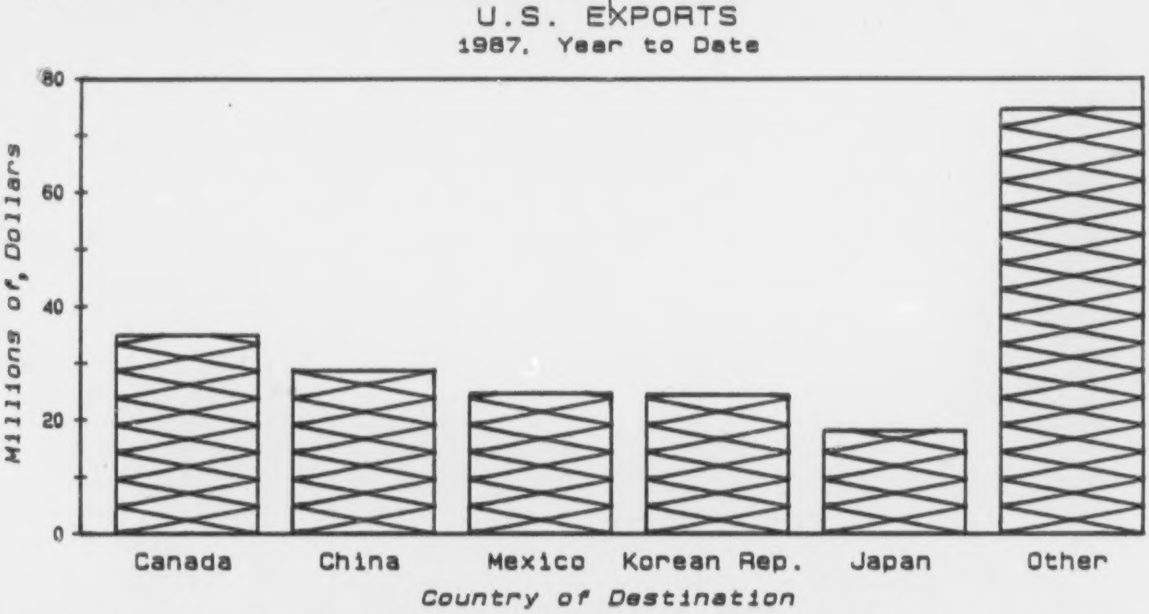
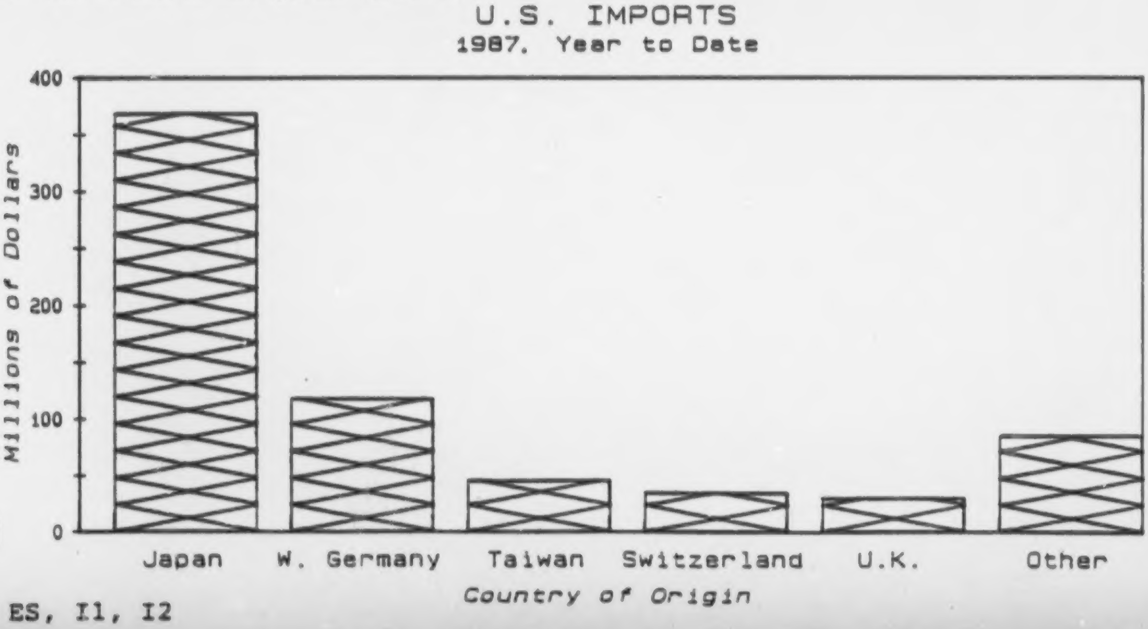
U.S. exports of metal cutting machine tools fell 2% from the March total as metal forming increased 9%. Compared to the first four months of 1986, metal cutting exports, at $112.8 million, rose 4%. Year-to-date metal forming exports increased 40% to $92.5 million. For January through April 1987, the leading export markets were (in millions): Canada ($34.9), China ($28.6), Mexico ($24.7), the Korean Republic ($24.4) and Japan ($18.1).



During April 1987, U.S. imports of metal cutting machines rose 9% from the March level and the four month total fell 3% from the first four months of 1986. Metal forming imports increased 43% from March and fell 10% from the year-to-date totals of 1986. The leading exporters to the U.S. during the four months of 1987 were (in millions): Japan ($367.7), West Germany ($117.7), Taiwan ($45.3), Switzerland ($34.6) and the United Kingdom ($29.8).



ES, I1, I2

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1987

RELEASED: JULY 17, 1987

Code	674: METAL CUTTING	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
3020	Gear Hobbers & Shapers	16	1878	11	776
3045	Gear Cutting Machines, N.E.C.	26	8144	3	589
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	19	752	2	124
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	1	254	0	0
3209	Horizontal Machining Centers, ATC, NC	10	2772	3	686
3211	Machining Centers, NC, N.E.C.	41	2647	7	433
3216	Single Station and Multi-Station Transfer Machines	11	5962	0	0
3225	Way Type Machines (Unit Heads)	3	406	1	213
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	150	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	5	580
3247	Vertical Boring-Drilling-Milling Machines, NC	5	302	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1373	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	25	897	4	229
3254	Drilling Machines, NC	10	706	4	239
3255	Drilling Machines, Multi-Spindle, Non-NC	24	1402	3	325
3256	Drilling Machines, Radial, Non-NC	16	164	4	59
3257	Drilling Machines, Upright, Single Spindle, Non-NC	6	35	1	6
3258	Drilling Machines, Non-NC, N.E.C.	68	1153	21	349
3264	Milling Machines, NC	15	2540	1	35
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	237	3	47
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	51	1984	13	300
3276	Vertical Boring Machines, Incl. VTLs, NC	1	371	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	85	5891	7	506
3281	Boring Machines, NC, N.E.C.	1	245	1	245
3283	Boring Machines, Non-NC, N.E.C.	15	1582	4	372
3503	Horizontal Lathes, Multi-Spindle, NC	1	389	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	29	2506	8	613
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	3	767	0	0
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	2	451	1	301
3510	Horizontal Engine & Toolroom Lathes, Non-NC	32	611	4	84
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	3	115
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	3	115	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	14	281	7	123
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727	11	223
3518	Horizontal Lathes, Non-NC, N.E.C.	272	8568	41	1425
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	2	533	2	533
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	2	698	1	81
3525	Vertical Lathes, Excl. VTLs, Non-NC	34	2372	11	1075
3528	Grinding, Polishing, Honing & Lapping Machines, NC	45	4528	15	1779
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	11	1507	5	807
3531	Tool & Cutter Grinding Machines, Non-NC	72	1664	21	648
3532	Honing & Lapping Machines, Non-NC	144	2831	15	436
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	71	748	5	131
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	80	7869	22	2121
3541	External Grinding Machines, Non-NC	11	564	5	283
3542	Internal Grinding Machines, Non-NC	12	1327	2	440
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	69	3892	19	1815
3546	Grinding Machines, Non-NC, N.E.C.	72	1798	18	684
3547	Traveling Wire Electrical Discharge Machines	0	0	0	0
3549	All Other Electrical Discharge Machines	36	506	9	265
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	2	142	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	9	263	2	19
3559	Metal Cutting Machine Tools, NC, N.E.C.	22	1734	15	997
3565	Sawing & Cut-Off Machines, Non-NC	143	2490	31	296
3566	Broaching Machines, Non-NC	3	86	1	47
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	58	1872	18	423
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	1429	13869	518	3915
5000	Metal Cutting Machine Tools, Less Than $2500**	7929	4529	2167	1749
	TOTAL CUTTING			3075	27549
	TOTAL CUTTING YTD	11117	112797		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	5157	0	1282
3568	Metal Forming Machine Tools, Used Or Rebuilt	276	6550	75	3575
3569	Metal Forming Machine Tools, Less Than $2500	2654	1501	753	479
3571	Punching & Shearing Machines, Incl. Combination, NC	21	2598	5	777
3573	Shearing Machines, Non-NC	24	1877	6	147
3575	Punching & Combination Punching & Shearing Machines, Non-NC	221	3444	104	845
3578	Bending, Folding, Straightening & Flattening Machines, NC	28	1704	6	184
3582	Press Brakes, Non-NC	16	351	1	9
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	6	885	4	572
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	207	5489	79	2244
3588	Mechanical Presses, Non-NC	65	4973	10	1558
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	13	2434	3	111
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	259	13875	52	2078
3594	Headers & Upsetters, Non-NC	22	3562	10	1392
3595	Forging Machines, Non-NC, N.E.C.	106	3576	9	1431
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	299	34513	86	5208
	TOTAL FORMING			1203	21895
	TOTAL FORMING YTD	4217	92497		
	TOTAL ALL TYPES			4278	49444
	TOTAL ALL TYPES YTD	15334	205294		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	54
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	7	506	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	22	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	25	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	27	0	0	28	817	2	17
5000	0	0	73	115	0	0	69	10	1	2
CUT MO.	0	0	81	649	0	0	101	875	5	73
CUT YTD	2	64	326	5602	0	0	132	2038	18	87
1011	0	4	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	71	21	0	0	8	3	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	12
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	101	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	13	314	1	12
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	33
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	4	71	21	0	0	23	418	3	58
FRM YTD	0	18	212	221	8	175	60	1273	8	323
TOT MO.	0	4	152	670	0	0	124	1293	8	130
TOT YTD	2	81	538	5823	8	175	192	3311	26	410

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	138	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	51	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	56	0	0	0	0	1	40	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	2	39
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	72	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	13	50	1	34	0	0	0	0	0	0
5000	35	48	11	18	0	0	10	4	3	5
CUT MO.	51	364	12	52	0	0	12	94	6	46
CUT YTD	210	1942	45	1139	3	619	175	276	7	106
1011	0	2	0	12	0	0	0	16	0	0
3568	0	0	0	0	0	0	0	0	1	2
3569	25	4	41	5	0	0	0	0	4	3
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	6	100	0	0	0	0	0	0	0	0
3588	1	109	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	279	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	22	1	47	0	0	0	0	0	0
FRM MO.	35	517	42	64	0	0	0	16	5	5
FRM YTD	45	2068	63	760	0	0	6	440	11	731
TOT MO.	86	880	54	116	0	0	12	110	11	52
TOT YTD	255	4010	108	1900	3	619	181	716	18	837

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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	2	451	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	3	145	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	15	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	137	0	0	1	103	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	3	115	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	175	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	2	8	1	11	0	0	3	47	1	12
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	40	0	0	1	314	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	339	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	7	0	0	0	0	0	0	0	0
4000	0	0	58	203	0	0	20	214	0	0
5000	106	75	164	118	0	0	95	64	0	0
CUT MO.	109	91	228	698	0	0	129	1792	1	12
CUT YTD	322	1117	1445	4780	3	196	417	7225	3	512
1011	0	0	0	55	0	0	0	49	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	7	4	0	0	0	0	12	3	0	0
3571	0	0	2	342	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	20	1	17	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	1	27	0	0
3584	0	0	2	66	0	0	1	17	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	2	47	0	0
3590	0	0	1	8	0	0	0	0	0	0
3594	1	148	0	0	0	0	4	102	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	135	0	0	1	225	0	0
FRM MO.	10	172	10	623	0	0	21	470	0	0
FRM YTD	18	1354	75	3790	36	1042	137	3077	2	125
TOT MO.	119	263	238	1321	0	0	150	2262	1	12
TOT YTD	340	2471	1520	8570	39	1238	554	10301	5	637

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	1	82	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	3	686	0	0	0	0	0	0
3211	0	0	1	58	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	1	213	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	3	29	1	200	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	3	325	0	0	0	0
3256	0	0	0	0	1	4	0	0	0	0
3257	0	0	0	0	1	6	0	0	0	0
3258	0	0	1	4	7	35	1	22	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	2	10	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	6	194	4	65	1	14
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	95	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	8	613	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	301	0	0	0	0	0	0
3510	0	0	3	72	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	17	5	55	0	0	0	0
3516	0	0	10	167	0	0	0	0	0	0
3518	0	0	5	63	18	1093	1	15	0	0
3521	0	0	2	533	0	0	0	0	0	0
3523	0	0	0	0	1	81	0	0	0	0
3525	0	0	1	123	3	40	0	0	0	0
3528	0	0	2	733	3	93	0	0	0	0
3529	0	0	1	436	0	0	0	0	0	0
3531	0	0	14	84	2	12	0	0	0	0
3532	0	0	1	40	4	206	0	0	0	0
3533	0	0	4	49	0	0	0	0	0	0
3538	0	0	3	1263	4	27	0	0	0	0
3541	0	0	5	283	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	55	3	28	0	0	0	0
3546	0	0	9	458	1	3	1	11	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	4	1	16	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	2	19	0	0	0	0
3559	0	0	12	573	1	22	0	0	0	0
3565	0	0	12	83	17	189	0	0	0	0
3566	0	0	0	0	1	47	0	0	0	0
3567	0	0	4	78	5	51	6	220	0	0
4000	0	0	18	154	125	652	1	3	0	0
5000	51	54	690	554	97	78	30	7	0	0
CUT MO.	51	54	818	7817	315	3556	45	359	1	14
CUT YTD	92	368	2603	20626	1061	14087	136	961	18	502
1011	0	0	0	433	0	607	0	16	0	0
3568	0	0	5	141	26	177	0	0	0	0
3569	17	4	457	278	61	104	0	0	7	8
3571	0	0	3	436	0	0	0	0	0	0
3573	0	0	5	135	0	0	0	0	0	0
3575	0	0	10	177	4	94	2	13	0	0
3578	0	0	0	0	6	184	0	0	0	0
3582	0	0	1	9	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	26	847	28	712	0	0	0	0
3588	0	0	0	0	4	75	0	0	0	0
3589	0	0	1	64	0	0	0	0	0	0
3590	0	0	1	19	26	592	0	0	0	0
3594	0	0	0	0	0	0	1	10	0	0
3595	0	0	2	34	1	110	0	0	0	0
3598	0	0	6	131	11	495	0	0	0	0
FRM MO.	17	4	517	2703	167	3151	3	39	7	8
FRM YTD	34	438	1831	14243	591	10649	38	271	10	398
TOT MO.	68	57	1335	10520	482	6707	48	397	8	21
TOT YTD	126	806	4434	34869	1652	24736	174	1232	28	899

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	2	40
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	7	0	0	8	42	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	1	245
3283	1	92	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	13
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	11	0	0	0	0	9	164
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	335
3528	0	0	0	0	0	0	0	0	9	778
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	2	10	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	102	0	0	0	0	0	0	0	0
3544	6	541	0	0	0	0	0	0	0	0
3546	2	50	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	80	0	0	3	22	6	15	198	1008
5000	0	0	0	0	189	56	2	4	163	76
CUT MO.	11	864	4	27	192	78	16	61	384	2658
CUT YTD	86	3191	30	333	235	369	74	597	433	13030
1011	0	5	0	0	0	0	0	35	0	0
3568	12	224	0	0	1	10	0	0	21	2841
3569	0	0	0	0	2	2	13	6	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	50
3584	1	15	1	14	1	28	2	18	1	21
3588	0	0	0	0	1	352	0	0	1	150
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	2	37	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	4	624	0	0	0	0	0	0	0	0
FRM MO.	17	868	1	14	5	391	17	96	25	3062
FRM YTD	34	2351	22	156	15	780	300	374	95	15582
TOT MO.	28	1732	5	41	197	469	33	157	409	5720
TOT YTD	120	5542	52	489	250	1149	374	972	528	28612

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	503	0	0	0	0	7	220
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	1	158	1	120
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	1	56
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	1	25	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	2	410
3546	0	0	0	0	0	0	0	0	3	138
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	158
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	1	58
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	5	0	0	0	0	0	0	0	0
5000	1	2	0	0	0	0	18	24	21	37
CUT MO.	3	7	3	528	0	0	19	182	37	1195
CUT YTD	391	386	71	1532	4	254	141	902	352	7700
1011	0	6	0	3	0	0	0	0	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	2	3	2	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	1	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	1	22
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	6	1023
3594	0	0	0	0	0	0	0	0	2	824
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	39	0	0
FRM MO.	2	9	2	6	0	0	1	39	10	1903
FRM YTD	9	316	5	131	0	0	2	72	63	10358
TOT MO.	5	16	5	534	0	0	20	221	47	3099
TOT YTD	400	702	76	1663	4	254	143	973	415	18058

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	37	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	5	580	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	94
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	35	0	0
3266	0	0	0	0	0	0	0	0	1	37
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	9	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	185
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	6	66	0	0	1	15	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	3	542	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	250	0	0
3531	0	0	0	0	0	0	0	0	1	93
3532	0	0	0	0	0	0	0	0	0	0
3533	1	82	0	0	0	0	0	0	0	0
3538	1	80	0	0	0	0	1	53	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	6	711	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	48
4000	2	340	0	0	0	0	4	25	3	26
5000	96	20	0	0	2	4	22	14	15	7
CUT MO.	121	2458	0	0	3	19	30	386	23	489
CUT YTD	582	11724	0	0	104	182	254	2900	170	1982
1011	0	0	0	0	0	0	0	0	0	0
3568	3	97	0	0	0	0	4	66	0	0
3569	14	6	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	57	0	0	0	0	1	163	1	11
3588	2	826	0	0	0	0	0	0	1	45
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	4	960	0	0	0	0	0	0	0	0
3598	55	3451	0	0	0	0	0	0	0	0
FRM MO.	80	5398	0	0	0	0	5	229	2	56
FRM YTD	167	12669	0	0	48	11	36	2305	15	617
TOT MO.	201	7856	0	0	3	19	35	616	25	545
TOT YTD	749	24393	0	0	152	193	290	5205	185	2600

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	1	42	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	3	60	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	13	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	310	0	0	3	149	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	9	334	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	5	86	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	1	343	0	0	0	0
3565	0	0	0	0	1	7	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	20	0	0	0	0
4000	1	62	0	0	26	147	5	15	0	0
5000	0	0	128	237	59	88	0	0	0	0
CUT MO.	2	372	128	237	109	1277	6	28	0	0
CUT YTD	16	1979	302	697	763	2197	13	74	0	0
1011	0	0	0	0	0	33	0	0	0	0
3568	0	0	1	5	1	12	0	0	0	0
3569	0	0	2	3	8	18	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	2	96	2	40	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	30	0	0	2	20
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	73	0	0	0	0
3594	0	0	0	0	1	29	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	40	0	0	0	0	0	0	0	0
FRM MO.	1	40	3	8	15	289	2	40	2	20
FRM YTD	5	248	70	636	36	913	7	379	2	20
TOT MO.	3	411	131	245	124	1566	8	68	2	20
TOT YTD	21	2227	372	1334	799	3109	20	454	2	20

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	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	1	18
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	1	73	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	-1	16
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	1	2	14	24	1	2
CUT MO.	1	2	15	96	3	37
CUT YTD	4	57	51	353	23	93
1011	0	4	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	80	358	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	1	495	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	1	294
3598	0	0	0	0	0	0
FRM MO.	80	361	1	495	1	294
FRM YTD	82	410	17	559	2	2205
TOT MO.	81	363	16	591	4	331
TOT YTD	86	467	68	911	25	2299

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
APRIL 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	51	54	17	4	68	57
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	51	54	17	4	68	57

OTHER NORTH AND CENTRAL AMERICA

	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	33	226	1	10	34	236
DOMINICAN REP.	2	17	0	2	2	19
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	4	73	0	0	4	73
HAITI	0	0	0	3	0	3
HONDURAS	1	3	0	0	1	3
JAMAICA	1	16	2	13	3	29
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	1	22	0	12	1	34
TRINIDAD	3	2	0	0	3	2
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	45	359	3	39	48	397

OTHER SOUTH AMERICA

	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	1	2	4	39	5	42
ECUADOR	14	57	1	8	15	65
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	1	2	12	49	13	51
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	16	61	17	96	33	157

OTHER OCEANIA

	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	2	20	2	20
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	2	20	2	20

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
APRIL 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	16	14	0	0	16	14
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	2	3	2	3
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	112	224	1	5	113	229
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	128	237	3	8	131	245

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	1	294	1	294
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	2	18	0	0	2	18
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	18	0	0	1	18
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	37	1	294	4	331

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'O-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

RELEASED: JULY 17, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	35	5274	6	1002
3035	Gear Shapers	13	2787	4	985
3045	Gear Cutting Machines, N.E.C.	7	594	2	22
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	594	52051	148	15295
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	111	10056	17	2219
3409	Horizontal Machining Centers, ATC, NC	276	39245	77	13145
3411	Machining Centers, NC, N.E.C.	209	20465	56	5195
3412	Single Station and Multi-Station Transfer Machines	20	6635	4	861
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	3	1545	1	439
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	26	8570	1	228
3419	Vertical Boring-Drilling-Milling Machines, NC	81	6239	14	1058
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	8	271	2	23
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	45	720	17	106
3328	Drilling Machines, NC	43	2267	9	365
3329	Drilling Machines, Multi-Spindle, Non-NC	17	869	1	175
3334	Drilling Machines, Radial, Non-NC	37	236	15	71
3336	Drilling Machines, Upright, Single Spindle, Non-NC	9	56	0	0
3342	Drilling Machines, Non-NC, N.E.C.	217	6535	56	2507
3464	Milling Machines, NC	186	10448	31	2113
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	1	110	0	0
3467	Milling Machines, Knee Type, Non-NC	1291	7516	370	1723
3468	Milling Machines, Bed Type, Non-NC	81	1663	21	494
3469	Milling Machines, Non-NC, N.E.C.	350	4772	125	1385
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011	4	1034
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	35	1110	0	0
3481	Boring Machines, NC, N.E.C.	9	1648	0	0
3483	Boring Machines, Non-NC N.E.C.	118	4076	41	1194
3504	Horizontal Lathes, Multi-Spindle, NC	25	1847	1	102
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1167	58186	270	13397
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	157	15557	31	3454
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	44	4765	17	917
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1110	8610	297	2239
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	40	1079	10	64
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	18	2342	1	229
3515	Automatic Bar Machines, Single Spindle, Non-NC	14	633	0	0
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	40	1258	11	557
3518	Horizontal Lathes, Non-NC, N.E.C.	86	1141	7	151
3505	Vertical Lathes, Multi-Spindle, NC	45	3772	11	717
3519	Vertical Lathes, NSPF, NC	108	9671	17	1879
3522	Vertical Lathes, Excl. VTL's, Non-NC	307	6126	61	2079
3527	Gear Tooth Grinding & Finishing Machines	91	12204	39	2596
3528	Tool & Cutter Grinding Machines, NC	14	514	0	0
3529	Tool & Cutter Grinding Machines, Non-NC	356	4839	105	1732
3533	Honing & Lapping Machines	95	4902	11	354
3539	Grinding Machines, Flat Surface, NC	17	1036	9	605
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	57	975	7	133
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	868	10128	452	3031
3546	Grinding & Polishing Machines, NC, N.E.C.	70	11794	8	1134
3554	External Grinding Machines, Non-NC	102	3850	41	1276
3556	Internal Grinding Machines, Non-NC	6	202	1	49
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	24	2021	2	501
3559	Grinding Machines, Non-NC, N.E.C.	521	21814	145	5586
3562	Traveling Wire Electrical Discharge Machines	200	14293	47	3528
3564	All Other Electrical Discharge Machines	111	5993	26	887
3567	Spark Erosion~~, Ultrasonic & Electrolytic Machines, NC~~	~~36~~	3883	9	1281
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	36	905	10	100
3576	Metal Cutting Machines Tools, NC, N.E.C.	29	48180	9	22849
3577	Sawing & Cut-Off Machines, Non-NC	2507	19605	2094	15039
3578	Broaching Machines, Non-NC	26	1016	12	632
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	483	17590	91	3712
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1638	8069	528	1962
5000	Metal Cutting Machine Tools, Less Than $2500**	358659	32139	99793	8737
	TOTAL CUTTING			105195	153157
	TOTAL CUTTING YTD	372939	538737		
674: METAL FORMING					
1010	Die Casting Machines	76	10338	18	3261
3582	Metal Forming Machine Tools, Used or Rebuilt	134	1171	10	135
3583	Metal Forming Machine Tools, Less Than $2500	8570	3112	2006	796
3584	Punching and Shearing Machines, Incl. Combination, NC	129	20571	34	5407
3586	Shearing Machines, Non-NC	267	6167	79	1570
3587	Punching & Combination Punching & Shearing Machines, Non-NC	342	4705	41	350
3588	Bending, Folding, Straightening & Flattening Machines, NC	58	3316	19	767
3589	Press Brakes, Non-NC	315	8477	31	996
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	30	459	5	84
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	389	9378	94	2459
3593	Metal Forming Machine Tools, NC, N.E.C.	36	16488	2	46
3594	Mechanical Presses, Non-NC	78	7560	14	386
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	28	661	2	15
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	141	20550	44	15768
3597	Headers & Upsetters, Non-NC	58	1974	13	223
3598	Forging Machines, Non-NC, N.E.C.	69	2855	8	309
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	484	23419	114	5635
	TOTAL FORMING			2534	38212
	TOTAL FORMING YTD	11204	141210		
	TOTAL ALL TYPES			107729	191369
	TOTAL ALL TYPES YTD	384143	679947		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
.TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS
3025	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2
3422	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	6	342	3
3464	0	0	0	0	0	0	0	0	1
3466	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	2
3469	13	62	0	0	0	0	0	0	1
3476	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	35	0	0	18
3504	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0
3512	6	29	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0
3518	5	60	0	0	0	0	2	92	0
3505	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0
3522	11	305	0	0	0	0	2	13	1
3527	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	3	7
3533	0	0	0	0	0	0	0	0	1
3539	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	7
3543	0	0	0	0	0	0	0	0	13
3546	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	2	60	13	47	11
3562	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	1	22	1
3578	0	0	0	0	0	0	0	0	3
3579	0	0	0	0	0	0	1	18	2
4000	4	13	2	43	2	6	5	24	10
5000	199	75	152	27	12	10	275	190	484
CUT MO.	238	544	154	70	17	112	306	750	567
CUT YTD	424	2315	516	681	132	467	1171	2077	1804
1010	0	0	0	0	0	0	0	0	2
3582	0	0	0	0	0	0	0	0	4
3583	0	0	0	0	0	0	9	8	46
3584	0	0	0	0	0	0	0	0	0
3586	1	40	9	243	0	0	3	44	2
3587	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	7
3589	0	0	6	321	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	1
3592	0	0	2	114	0	0	2	33	4
3593	0	0	0	0	0	0	0	0	2
3594	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	3
3597	0	0	0	0	0	0	0	0	1
3598	0	0	0	0	0	0	0	0	1
3599	0	0	3	82	0	0	2	5	11
FRM MO.	1	40	20	760	0	0	16	90	84
FRM YTD	29	979	95	3927	4	63	169	1697	1250
TOT MO.	239	584	174	830	17	112	322	841	651
TOT YTD	453	3294	611	4608	136	529	1340	3774	3054

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	81	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	16	1837
3412	0	0	0	0	0	0	0	0	2	288
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	2	12
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	6	35	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	86	399	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	17	181	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	14	51	1	3	2	693
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	2	38
3512	0	0	0	0	1	118	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	1	229
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	1	169	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	2	8	0	0	18	1778
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	3	37
3533	0	0	0	0	0	0	0	0	1	4
3539	0	0	0	0	1	31	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	1	6
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	1	61	31	824
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	208
3559	1	5	0	0	0	0	3	13	2	94
3562	0	0	0	0	0	0	0	0	7	623
3564	0	0	0	0	6	205	0	0	1	139
3567	0	0	0	0	0	0	0	0	2	66
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	281
3577	0	0	3	70	15	181	0	0	1	14
3578	0	0	0	0	0	0	0	0	0	0
3579	1	88	1	18	0	0	1	7	2	92
4000	0	0	0	0	12	126	1	1	26	119
5000	138	131	31	50	0	0	188	166	65	24
CUT MO.	141	305	41	173	154	1298	196	419	188	7407
CUT YTD	227	866	42	177	1002	5061	734	3529	898	26288
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	41	20	57	136
3584	2	232	0	0	0	0	0	0	6	1027
3586	0	0	0	0	12	100	0	0	0	0
3587	0	0	0	0	0	0	7	134	0	0
3588	0	0	0	0	0	0	0	0	1	3
3589	0	0	5	69	0	0	0	0	0	0
3591	0	0	0	0	0	0	4	80	0	0
3592	0	0	0	0	0	0	4	71	5	92
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	5	473	1	911
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	4	193	0	0	2	10	0	0	7	474
FRM MO.	6	425	5	69	14	110	61	776	77	2642
FRM YTD	89	1024	23	325	36	739	156	2724	207	8358
TOT MO.	147	730	46	243	168	1408	257	1196	265	10049
TOT YTD	316	1890	65	502	1038	5800	890	6253	1105	34645

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	1002	0	0	0	0	0	0
3035	0	0	2	956	0	0	0	0	0	0
3045	2	22	0	0	0	0	0	0	0	0
3404	1	64	2	295	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	7	352	11	1987	0	0	0	0	0	0
3411	1	6	3	806	0	0	0	0	0	0
3412	0	0	1	297	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	9	572	0	0	0	0	0	0
3422	0	0	2	23	0	0	0	0	0	0
3423	0	0	0	0	0	0	1	3	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	175	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	10	541	0	0	16	277	0	0
3464	8	221	5	140	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	37	271	0	0	0	0	0	0	0	0
3468	9	103	0	0	0	0	0	0	0	0
3469	1	5	3	90	0	0	1	6	0	0
3476	0	0	4	1034	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	2	36	0	0
3504	1	~~102~~	0	0	0	0	0	0	0	0
3506	56	616	2	519	0	0	0	0	0	0
3508	1	57	1	3	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	71	764	0	0	0	0	0	0	3	16
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	3	281	0	0	0	0	8	276	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	16
3519	0	0	4	169	0	0	0	0	0	0
3522	7	46	4	523	0	0	0	0	0	0
3527	0	0	3	530	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	25	227	15	575	0	0	2	32	0	0
3533	6	46	2	229	0	0	0	0	0	0
3539	0	0	3	353	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	153	874	198	1271	3	13	9	46	0	0
3546	2	165	5	850	0	0	0	0	0	0
3554	0	0	2	130	0	0	0	0	0	0
3556	0	0	1	49	0	0	0	0	0	0
3558	0	0	1	293	0	0	0	0	0	0
3559	38	1148	15	2631	0	0	3	22	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	1	60	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	3	33	6	60	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	21	97	10	216	0	0	9	113	0	0
3578	9	326	0	0	0	0	0	0	0	0
3579	8	285	12	1596	0	0	32	474	0	0
4000	72	56	41	606	0	0	4	50	0	0
5000	711	249	1836	584	14	34	406	231	0	0
CUT MO.	1253	6414	2221	19161	17	48	493	1567	5	32
CUT YTD	4670	26419	18952	93860	138	1339	3044	7723	78	344
1010	0	0	3	473	0	0	5	106	0	0
3582	2	10	0	0	0	0	1	23	0	0
3583	59	6	473	192	0	0	37	25	0	0
3584	0	0	5	1332	0	0	0	0	0	0
3586	11	140	12	306	0	0	4	83	0	0
3587	0	0	17	109	0	0	15	76	0	0
3588	0	0	5	104	0	0	0	0	0	0
3589	0	0	0	0	0	0	11	342	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	4	105	10	365	0	0	51	1209	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	1	6	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	4	99	7	343	0	0	5	82	0	0
3597	0	0	8	101	0	0	0	0	0	0
3598	2	42	5	100	0	0	0	0	0	0
3599	8	201	28	1603	0	0	28	1592	0	0
FRM MO.	90	603	573	5028	0	0	158	3543	0	0
FRM YTD	984	3349	1783	23832	0	0	947	10803	0	0
TOT MO.	1343	7017	2794	24189	17	48	651	5111	5	32
TOT YTD	5654	29768	20735	117693	138	1339	3991	18526	78	344

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	2	29	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	136	14452	0	0	0	0
3406	0	0	0	0	16	2113	0	0	0	0
3409	0	0	0	0	58	10726	0	0	0	0
3411	2	50	0	0	28	2331	1	30	0	0
3412	0	0	0	0	1	276	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	439	0	0	0	0
3418	0	0	0	0	1	228	0	0	0	0
3419	0	0	0	0	3	251	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	44	0	0	0	0
3328	0	0	0	0	4	249	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	4	20	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	9	836	0	0	1	20
3464	0	0	0	0	11	1364	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	20	100
3468	0	0	0	0	0	0	0	0	0	0
3469	30	119	0	0	7	544	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	2	91	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	158	11522	16	348	6	66
3508	0	0	0	0	29	3394	0	0	0	0
3510	0	0	0	0	15	879	0	0	0	0
3512	5	21	0	0	0	0	63	342	25	232
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	6	575	0	0	0	0
3519	0	0	0	0	11	1499	0	0	0	0
3522	6	39	0	0	25	961	0	0	0	0
3527	0	0	0	0	12	146	4	134	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	9	257	0	0	35	528
3533	0	0	0	0	1	60	0	0	0	0
3539	0	0	0	0	4	209	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	40	219	0	0	0	0
3546	0	0	0	0	1	119	0	0	0	0
3554	1	4	0	0	3	223	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	23	1222	0	0	0	0
3562	0	0	0	0	40	2905	0	0	0	0
3564	0	0	0	0	13	427	0	0	0	0
3567	0	0	1	79	6	1136	0	0	0	0
3571	0	0	0	0	1	8	0	0	0	0
3576	0	0	0	0	7	22568	0	0	0	0
3577	0	0	5	292	2018	13983	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	31	1128	0	0	0	0
4000	10	77	0	0	222	151	3	58	0	0
5000	184	85	0	0	7554	1105	0	0	535	196
CUT MO.	244	443	6	371	10507	98638	87	912	622	1142
CUT YTD	386	1030	13	635	24906	298863	357	5223	824	2250
1010	0	0	0	0	5	2226	0	0	0	0
3582	0	0	0	0	1	38	0	0	0	0
3583	0	0	0	0	271	131	0	0	0	0
3584	0	0	0	0	19	2495	0	0	0	0
3586	0	0	0	0	8	323	0	0	15	140
3587	0	0	0	0	2	31	0	0	0	0
3588	0	0	0	0	6	467	0	0	0	0
3589	0	0	0	0	9	264	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	10	331	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	13	381	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	15	13731	0	0	0	0
3597	0	0	0	0	4	55	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	20	1269	0	0	0	0
FRM MO.	0	0	0	0	383	21741	0	0	15	140
FRM YTD	192	3	40	760	2082	68813	5	40	36	474
TOT MO.	244	443	6	371	10890	120379	87	912	637	1283
TOT YTD	578	1033	53	1395	26988	367676	362	5262	860	2724

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	9	485	0	0	0	0
3406	1	106	0	0	0	0
3409	0	0	0	0	0	0
3411	5	134	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	13	46	0	0	0	0
3328	5	116	0	0	0	0
3329	0	0	0	0	0	0
3334	5	16	0	0	0	0
3336	0	0	0	0	0	0
3342	8	167	0	0	3	81
3464	5	176	0	0	1	15
3466	0	0	0	0	0	0
3467	192	776	0	0	35	178
3468	10	359	0	0	0	0
3469	50	223	0	0	2	17
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	140
3504	0	0	0	0	0	0
3506	31	316	1	10	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	117	675	0	0	6	43
3513	10	64	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	3	126	0	0	0	0
3519	1	42	0	0	0	0
3522	3	14	0	0	2	89
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	8	30	0	0	0	0
3533	0	0	0	0	0	0
3539	1	12	0	0	0	0
3541	0	0	0	0	0	0
3543	24	303	0	0	11	60
3546	0	0	0	0	0	0
3554	3	34	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	25	183	0	0	9	24
3562	0	0	0	0	0	0
3564	5	56	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	10	36	0	0	0	0
3578	0	0	0	0	0	0
3579	0	0	0	0	0	0
4000	103	399	0	0	11	41
5000	72134	4895	0	0	14875	440
CUT MO.	72781	9790	1	10	14956	1126
CUT YTD	279423	44231	44	188	33154	2947
1010	2	12	0	0	1	143
3582	0	0	0	0	2	9
3583	992	205	0	0	21	35
3584	0	0	0	0	2	322
3586	0	0	1	14	1	14
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	0	0	0	0	2	19
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	2	15
3596	4	50	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	1	11
FRM MO.	998	268	1	14	32	568
FRM YTD	2872	1024	10	38	195	1255
TOT MO.	73779	10057	2	24	14988	1694
TOT YTD	282295	45254	54	226	33349	4202

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
APRIL 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	25	102	0	0	25	102
EAST GERMANY	2	151	0	0	2	151
FINLAND	43	21	3	465	46	486
GIBRALTAR	0	0	0	0	0	0
GREECE	35	178	0	0	35	178
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	15	109	0	0	15	109
POLAND	6	43	0	0	6	43
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	126	604	3	465	129	1068

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	14821	407	25	74	14846	481
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	14821	407	25	74	14846	481

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
APRIL 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	3	81	1	11	4	92
INDIA	2	29	0	0	2	29
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	2	15	2	15
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	5	110	3	26	8	136
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	4	6	0	0	4	6
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	1	3	1	3
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	4	6	1	3	5	8

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

9/1/87 A8050-3 A

REPORT

national
machine
tool builders
association
[illegible]

STATISTICAL

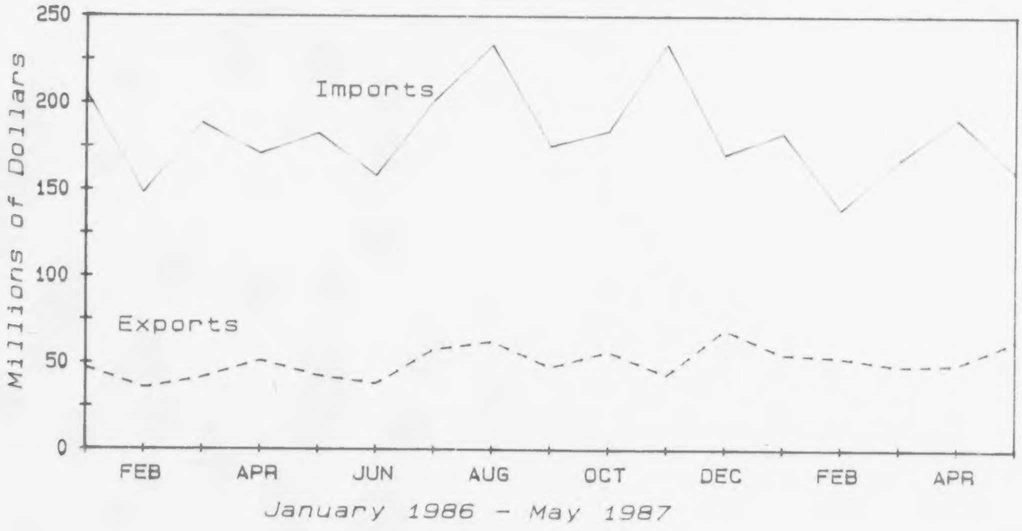
REPORT NO. 127-87
August 28, 1987

U.S. FOREIGN TRADE IN MACHINE TOOLS - MAY 1987

During May 1987, U.S. exports rose 27% from the April total, to $62.9 million. May imports fell 16% from last month to stand at $160.2 million. The resulting machine tool trade deficit was $97.3 million for May, bringing the five month total deficit to $571.9 million, down 16% from the same period last year.

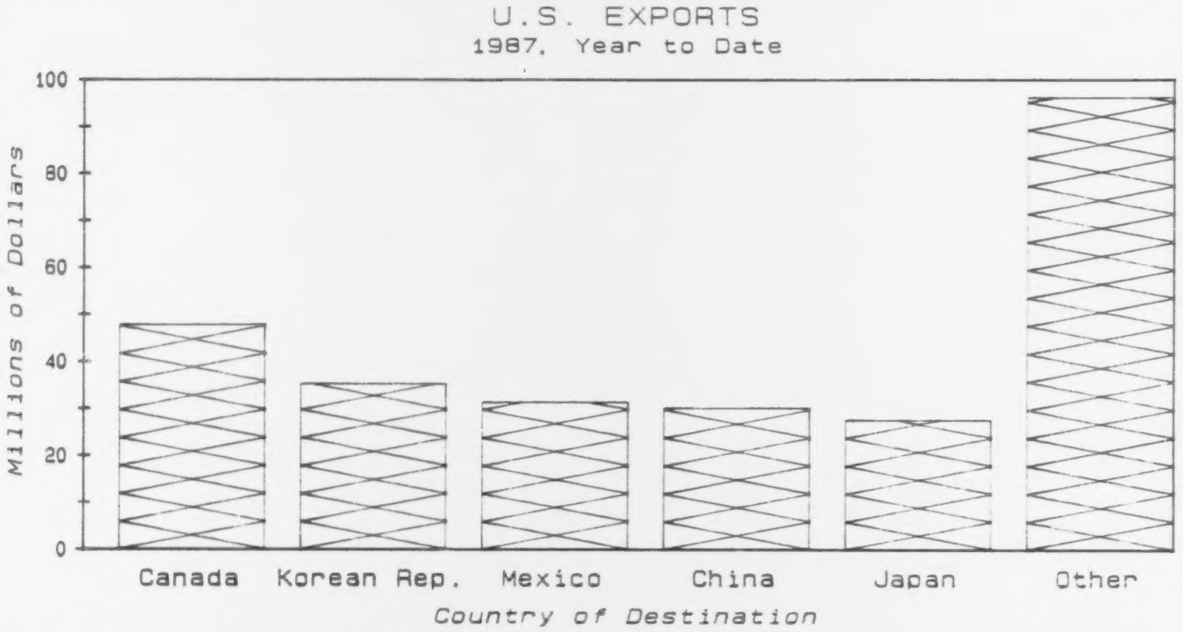
U.S. Machine Tool Trade
($ Millions)

	May 1987			Five Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 36.0	$112.3	($ 76.3)	$148.8	$ 651.0	($ 502.2)
Metal Forming	$ 26.9	$ 47.9	($ 21.0)	$119.4	$ 189.1	($ 69.7)
Total	$ 62.9	$160.2	($ 97.3)	$268.2	$ 840.1	($ 571.9)

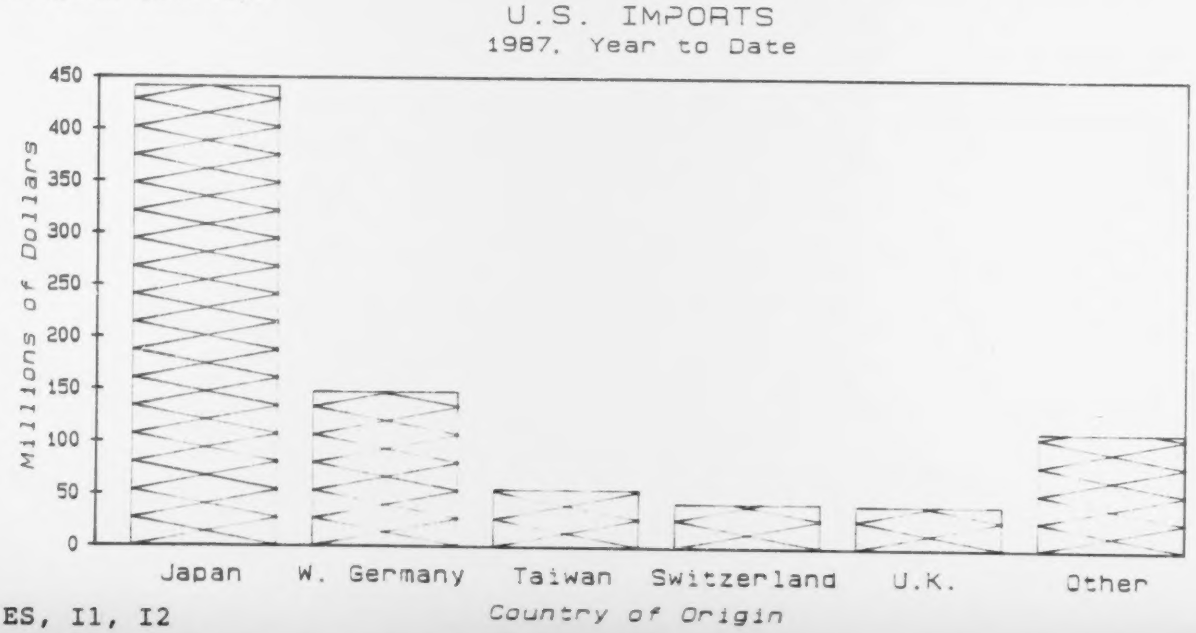

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS
The world of manufacturing technology

Compared to April, U.S. exports of metal cutting machine tools rose 31%, while the year-to-date total for 1987 was 9% higher than last year's level. Exports of metal forming machines rose 23% from April, and the year-to-date total was 48% ahead of the first five months of 1986. For January through May 1987, the leading export markets were (in millions): Canada ($47.8), the Korean Republic ($35.2), Mexico ($31.3), China ($30.1) and Japan ($27.6).



U.S. imports of metal cutting machinery during May fell 27% from April but metal forming imports rose 25%. Compared to the first five months of 1986, both metal cutting and metal forming machine tool imports fell 6%. Leading exporters of machine tools to the U.S. during the first five months of 1987 were (in millions): Japan ($440.9), West Germany ($148.1), Taiwan ($55.1), Switzerland ($42.5) and the United Kingdom ($41.2).



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

RELEASED: AUGUST 28, 1987

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
674:	METAL CUTTING				
3025	Gear Hobbers	45	6197	10	923
3035	Gear Shapers	19	3986	6	1198
3045	Gear Cutting Machines, N.E.C.	11	1096	4	502
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	729	62239	135	10188
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	124	11232	13	1176
3409	Horizontal Machining Centers, ATC, NC	317	46105	41	6860
3411	Machining Centers, NC, N.E.C.	255	29946	46	9481
3412	Single Station and Multi-Station Transfer Machines	24	9520	4	2885
3413	Way Type Machines, (Unit Heads)	3	179	3	179
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	4	1738	1	193
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	34	9506	8	936
3419	Vertical Boring-Drilling-Milling Machines, NC	89	7758	8	1519
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	12	655	4	384
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	59	828	14	107
3328	Drilling Machines, NC	65	3356	22	1089
3329	Drilling Machines, Multi-Spindle, Non-NC	18	872	1	3
3334	Drilling Machines, Radial, Non-NC	81	431	44	195
3336	Drilling Machines, Upright, Single Spindle, Non-NC	12	85	3	29
3342	Drilling Machines, Non-NC, N.E.C.	248	8280	31	1745
3464	Milling Machines, NC	218	13255	32	2807
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	2	524	1	414
3467	Milling Machines, Knee Type, Non-NC	1431	8580	140	1064
3468	Milling Machines, Bed Type, Non-NC	95	1910	14	248
3469	Milling Machines, Non-NC, N.E.C.	421	7642	71	2870
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	48	1192	13	82
3481	Boring Machines, NC, N.E.C.	20	2375	11	727
3483	Boring Machines, Non-NC N.E.C.	134	4643	16	567
3504	Horizontal Lathes, Multi-Spindle, NC	29	1959	4	112
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1407	71598	240	13412
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	186	18889	29	3332
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	62	5824	18	1059
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1316	10571	206	1961
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	47	1284	7	205
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	20	3590	2	1248
3515	Automatic Bar Machines, Single Spindle, Non-NC	16	697	2	64
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	42	1603	2	345
3518	Horizontal Lathes, Non-NC, N.E.C.	93	1360	7	219
3505	Vertical Lathes, Multi-Spindle, NC	61	4203	16	431
3519	Vertical Lathes, NSPF, NC	135	11046	27	1375
3522	Vertical Lathes, Excl. VTL's, Non-NC	380	7600	73	1474
3527	Gear Tooth Grinding & Finishing Machines	129	15047	38	2843
3528	Tool & Cutter Grinding Machines, NC	16	762	2	249
3529	Tool & Cutter Grinding Machines, Non-NC	435	6054	79	1215
3533	Honing & Lapping Machines	129	5483	34	582
3539	Grinding Machines, Flat Surface, NC	28	1784	11	747
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	72	1160	15	185
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1031	13028	163	2900
3546	Grinding & Polishing Machines, NC, N.E.C.	87	14201	17	2407
3554	External Grinding Machines, Non-NC	124	4770	22	920
3556	Internal Grinding Machines, Non-NC	6	202	0	0
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	34	3804	10	1784
3559	Grinding Machines, Non-NC, N.E.C.	709	28136	188	6322
3562	Traveling Wire Electrical Discharge Machines	228	16934	28	2642
3564	All Other Electrical Discharge Machines	125	6808	14	815
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	40	4595	4	712
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	40	1394	4	489
3576	Metal Cutting Machines Tools, NC, N.E.C.	37	48379	8	198
3577	Sawing & Cut-Off Machines, Non-NC	2608	21915	101	2309
3578	Broaching Machines, Non-NC	31	1074	5	58
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	605	19959	122	2368
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1880	9271	242	1202
5000	Metal Cutting Machine Tools, Less Than $2500**	468367	39858	109708	7719
	TOTAL CUTTING			112144	112285
	TOTAL CUTTING YTD	485083	651022		
674:	METAL FORMING				
1010	Die Casting Machines	186	13931	110	3593
3582	Metal Forming Machine Tools, Used or Rebuilt	242	2107	108	936
3583	Metal Forming Machine Tools, Less Than $2500	10942	3620	2372	508
3584	Punching and Shearing Machines, Incl. Combination, NC	153	23374	24	2803
3586	Shearing Machines, Non-NC	309	6716	42	549
3587	Punching & Combination Punching & Shearing Machines, Non-NC	351	4894	9	189
3588	Bending, Folding, Straightening & Flattening Machines, NC	67	6019	9	2703
3589	Press Brakes, Non-NC	359	10125	44	1648
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	39	582	9	123
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	483	11424	94	2046
3593	Metal Forming Machine Tools, NC, N.E.C.	52	16984	16	496
3594	Mechanical Presses, Non-NC	93	8211	15	650
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	57	1044	29	384
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	316	47649	175	27099
3597	Headers & Upsetters, Non-NC	67	2393	9	419
3598	Forging Machines, Non-NC, N.E.C.	78	3898	9	1043
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	571	26137	87	2719
	TOTAL FORMING			3161	47911
	TOTAL FORMING YTD	14365	189121		
	TOTAL ALL TYPES			115305	160196
	TOTAL ALL TYPES YTD	499448	840143		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	1	69	2	420	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	2	175	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	2	48
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	3	123
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	1	414
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	8	20	0	0	0	0	1	4	23	811
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	11	64
3481	0	0	0	0	0	0	0	0	1	234
3483	0	0	0	0	0	0	0	0	9	132
3504	0	0	0	0	0	0	0	0	2	17
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	10	106	0	0	0	0	0	0	3	485
3527	0	0	0	0	0	0	0	0	1	16
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	6	31
3533	0	0	0	0	0	0	0	0	0	0
3539	1	422	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	14	119
3543	0	0	0	0	0	0	0	0	19	659
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	4	18	0	0	3	12	0	0	101	1005
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	4	25	0	0	0	0	0	0	16	93
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	51	4	72	0	0
4000	2	7	0	0	0	0	6	151	9	178
5000	384	238	18	6	33	23	47	57	387	103
CUT MO.	414	905	20	427	37	86	60	458	608	4530
CUT YTD	838	3220	536	1107	169	552	1231	2535	2412	16723
1010	2	67	0	0	0	0	0	0	1	141
3582	0	0	3	43	0	0	0	0	34	197
3583	0	0	148	29	0	0	44	35	11	9
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	14	86	0	0	0	0	4	63
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	2	113	0	0	4	261
3589	0	0	8	610	0	0	0	0	1	6
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	1	12	6	42
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	23	1	7
3597	0	0	0	0	0	0	0	0	3	386
3598	0	0	0	0	0	0	0	0	1	3
3599	0	0	0	0	0	0	3	149	0	0
FRM MO.	2	67	173	768	2	113	50	219	66	1115
FRM YTD	31	1047	268	4695	6	176	219	1916	1316	12090
TOT MO.	416	973	193	1194	39	199	110	677	674	5645
TOT YTD	869	4267	804	5802	175	728	1450	4451	3728	28813

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	33
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	2	50	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	446	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	96
3412	0	0	0	0	0	0	0	0	1	104
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	1	562
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	38	143	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	6	2	5	1	245
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	29	213	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	4	60	1	292	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	2	18	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	2	353
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	1	85	1	11
3512	0	0	0	0	2	192	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	2	64
3516	2	345	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	111
3505	0	0	0	0	0	0	0	0	1	150
3519	0	0	0	0	0	0	0	0	2	325
3522	0	0	0	0	0	0	1	218	0	0
3527	0	0	0	0	0	0	0	0	4	424
3528	0	0	0	0	0	0	0	0	0	0
3529	1	11	0	0	0	0	0	0	2	22
3533	0	0	0	0	0	0	0	0	8	157
3539	0	0	0	0	0	0	0	0	9	246
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	1	44
3546	0	0	0	0	1	44	0	0	4	1266
3554	0	0	0	0	0	0	1	262	15	395
3556	0	0	0	0	0	0	0	0	0	0
3558	1	38	0	0	0	0	3	606	1	309
3559	4	117	0	0	1	35	6	881	11	812
3562	0	0	0	0	0	0	0	0	5	422
3564	0	0	0	0	0	0	0	0	4	451
3567	0	0	0	0	0	0	0	0	0	0
3571	1	239	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	47
3577	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	6	349	0	0	12	142	0	0	5	120
4000	0	0	0	0	0	0	12	17	2	7
5000	23	36	0	0	14	25	170	136	4220	72
CUT MO.	39	1579	0	0	106	929	197	2502	4308	6856
CUT YTD	266	2445	42	177	1108	5990	931	6032	5206	33143
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	5	1	1055	83	168	19
3584	0	0	0	0	0	0	0	0	1	208
3586	0	0	1	6	0	0	0	0	0	0
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	2	56	2	14	0	0	2	108	0	0
3591	0	0	0	0	0	0	6	94	0	0
3592	1	294	0	0	0	0	6	21	10	634
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	11	0	0	0	0	1	108	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	4	80	2	7	3	96
FRM MO	4	361	3	20	9	81	1072	421	182	956
FRM YTD	93	1385	26	345	45	820	1228	3144	389	9314
TOT MO.	43	1941	3	20	115	1010	1269	2923	4490	7812
TOT YTD	359	3830	68	522	1153	6810	2159	9176	5595	42457

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	8	716	0	0	0	0	0	0
3035	0	0	5	1038	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	8	384	2	229	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	135	5	885	0	0	0	0	0	0
3411	2	182	7	6274	0	0	0	0	0	0
3412	0	0	3	2781	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	4	247	0	0	0	0	0	0
3422	1	138	1	199	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	1	376	0	0	1	80	0	0
3329	0	0	1	3	0	0	0	0	0	0
3334	1	15	0	0	0	0	0	0	1	7
3336	0	0	3	29	0	0	0	0	0	0
3342	3	275	7	272	0	0	2	26	2	11
3464	20	630	4	1109	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	11	211	0	0	0	0	0	0	0	0
3468	5	51	0	0	0	0	0	0	0	0
3469	0	0	3	34	0	0	1	1404	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	10	493	0	0	0	0	0	0
3483	0	0	1	31	0	0	4	50	0	0
3504	1	20	0	0	0	0	0	0	0	0
3506	61	636	0	0	0	0	0	0	0	0
3508	0	0	4	484	0	0	0	0	0	0
3510	0	0	2	27	0	0	0	0	0	0
3512	96	967	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	2	1248	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	20	0	0	0	0	0	0	0	0
3505	0	0	1	4	0	0	0	0	12	83
3519	0	0	0	0	0	0	0	0	0	0
3522	7	32	4	34	0	0	1	87	19	114
3527	1	239	7	1795	0	0	0	0	0	0
3528	0	0	1	117	0	0	0	0	0	0
3529	14	278	17	265	0	0	1	6	0	0
3533	20	93	5	321	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	66	0	0	0	0	0	0
3543	2	143	19	916	16	234	6	36	0	0
3546	2	231	8	615	0	0	0	0	0	0
3554	1	5	1	89	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	438	1	337	0	0	0	0	0	0
3559	13	1797	17	1303	0	0	2	55	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	15	0	0	0	0	0	0	0	0
3567	0	0	1	599	0	0	0	0	0	0
3571	1	24	1	216	0	0	0	0	0	0
3576	2	28	1	46	0	0	0	0	0	0
3577	3	24	14	181	1	17	16	327	0	0
3578	0	0	5	58	0	0	0	0	0	0
3579	25	161	18	582	0	0	34	564	0	0
4000	40	166	19	193	0	0	56	74	0	0
5000	374	144	814	382	0	0	551	245	0	0
CUT MO.	722	7482	1028	24593	17	251	675	2954	34	215
CUT YTD	5392	33901	19980	118453	155	1590	3719	10677	112	560
1010	3	9	16	547	0	0	81	172	0	0
3582	4	32	51	539	0	0	6	65	0	0
3583	6	7	5	7	0	0	14	14	0	0
3584	0	0	3	308	0	0	0	0	0	0
3586	5	54	3	51	0	0	4	113	0	0
3587	1	103	0	0	0	0	6	24	0	0
3588	0	0	3	2329	0	0	0	0	0	0
3589	0	0	0	0	0	0	11	274	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	176	4	74	0	0	46	384	0	0
3593	0	0	4	77	0	0	0	0	0	0
3594	0	0	2	221	0	0	0	0	0	0
3595	0	0	19	150	0	0	0	0	0	0
3596	9	3401	2	232	0	0	3	18	0	0
3597	0	0	6	33	0	0	0	0	0	0
3598	4	107	3	931	0	0	0	0	0	0
3599	2	90	16	333	0	0	24	1024	0	0
FRM MO.	35	3980	137	5831	0	0	195	2088	0	0
FRM YTD	1019	7329	1920	29664	0	0	1142	12891	0	0
TOT MO.	757	11462	1165	30424	17	251	870	5042	34	215
TOT YTD	6411	41230	21900	148117	155	1590	4861	23568	112	560

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	175	0	0	0	0
3035	0	0	0	0	1	161	0	0	0	0
3045	0	0	1	12	0	0	0	0	0	0
3404	0	0	0	0	99	8885	0	0	1	35
3406	0	0	0	0	9	955	0	0	0	0
3409	0	0	0	0	32	5220	0	0	0	0
3411	0	0	0	0	30	2609	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	3	179	0	0	0	0
3417	0	0	0	0	1	193	0	0	0	0
3418	0	0	0	0	8	936	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	67	0	0	0	0
3328	0	0	0	0	9	272	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	629	0	0	0	0
3464	0	0	0	0	8	1069	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	20	100
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	5	176	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	1	75	0	0	0	0
3506	0	0	0	0	166	12323	9	419	4	34
3508	0	0	0	0	25	2848	0	0	0	0
3510	0	0	0	0	14	935	0	0	0	0
3512	0	0	0	0	1	32	48	274	5	50
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	6	0	0	1	82	0	0	0	0
3505	0	0	0	0	2	184	0	0	0	0
3519	0	0	0	0	11	722	11	203	0	0
3522	0	0	0	0	4	207	8	141	0	0
3527	0	0	0	0	2	157	4	133	0	0
3528	0	0	0	0	1	132	0	0	0	0
3529	0	0	0	0	6	244	0	0	22	319
3533	0	0	0	0	1	11	0	0	0	0
3539	0	0	0	0	1	79	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	28	231	0	0	0	0
3546	0	0	0	0	2	251	0	0	0	0
3554	0	0	0	0	4	169	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	1	56	0	0	0	0
3559	0	0	0	0	3	90	0	0	0	0
3562	0	0	0	0	23	2220	0	0	0	0
3564	0	0	0	0	3	285	0	0	0	0
3567	0	0	0	0	3	113	0	0	0	0
3571	0	0	0	0	1	11	0	0	0	0
3576	0	0	0	0	3	78	0	0	0	0
3577	0	0	3	154	8	264	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	15	320	0	0	0	0
4000	23	104	0	0	18	192	0	0	0	0
5000	0	0	0	0	3844	647	116	38	0	0
CUT MO	24	109	4	166	4404	44480	196	1208	52	537
CUT YTD	410	1139	17	801	29310	343343	553	6431	876	2788
1010	0	0	0	0	5	444	1	7	0	0
3582	0	0	0	0	8	51	0	0	0	0
3583	1	2	0	0	279	81	0	0	0	0
3584	0	0	0	0	20	2288	0	0	0	0
3586	0	0	8	154	1	8	0	0	2	13
3587	0	0	0	0	2	62	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	64	15	510	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	7	322	0	0	0	0
3593	0	0	0	0	12	419	0	0	0	0
3594	0	0	0	0	11	378	0	0	0	0
3595	0	0	0	0	0	0	0	0	8	114
3596	0	0	0	0	151	23349	2	16	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	3	0	0	0	0
3599	0	0	0	0	26	871	0	0	0	0
FRM MO	1	2	10	217	538	28786	3	23	10	127
FRM YTD	193	5	50	977	2620	97599	8	62	46	601
TOT MO	25	111	14	383	4942	73265	199	1231	62	664
TOT YTD	603	1144	67	1779	31930	440942	561	6493	922	3388

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	23	605	0	0	0	0
3406	4	221	0	0	0	0
3409	0	0	0	0	0	0
3411	6	321	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	2	100	0	0	1	611
3422	0	0	0	0	0	0
3423	12	40	0	0	0	0
3328	11	362	0	0	0	0
3329	0	0	0	0	0	0
3334	4	29	0	0	0	0
3336	0	0	0	0	0	0
3342	2	120	4	35	0	0
3464	0	0	0	0	0	0
3466	0	0	0	0	0	0
3467	34	236	0	0	46	305
3468	9	197	0	0	0	0
3469	25	69	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	0	0	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	49	374	0	0	5	72
3513	7	205	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	3	126	0	0	0	0
3522	16	49	0	0	0	0
3527	19	80	0	0	0	0
3528	0	0	0	0	0	0
3529	9	35	0	0	1	3
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	58	455	0	0	14	181
3546	0	0	0	0	0	0
3554	0	0	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	22	179	0	0	1	18
3562	0	0	0	0	0	0
3564	6	65	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	34	148	0	0	2	1078
3578	0	0	0	0	0	0
3579	2	8	0	0	0	0
4000	47	85	6	12	2	16
5000	93291	5382	0	0	5422	186
CUT MO.	93695	9489	10	47	5494	2470
CUT YTD	373118	53720	54	234	38648	5417
1010	0	0	0	0	1	2207
3582	2	9	0	0	0	0
3583	600	188	20	2	16	31
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	1	5	0	0	0	0
3591	3	29	0	0	0	0
3592	5	70	0	0	7	18
3593	0	0	0	0	0	0
3594	1	35	0	0	1	16
3595	0	0	0	0	0	0
3596	1	30	0	0	4	23
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	1	15	6	54
FRM MO.	613	366	21	17	35	2350
FRM YTD	3485	1389	31	54	230	3605
TOT MO.	94308	9855	31	63	5529	4820
TOT YTD	376603	55109	85	289	38878	9022

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
MAY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	4	23	0	0	4	23
EAST GERMANY	1	18	0	0	1	18
FINLAND	32	635	1	2207	33	2842
GIBRALTAR	0	0	0	0	0	0
GREECE	47	308	1	1	48	309
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	4	23	4	23
POLAND	4	66	0	0	4	66
ROMANIA	14	181	0	0	14	181
USSR	2	1078	0	0	2	1078
OTHER EUROPE	0	0	0	0	0	0
TOTAL	104	2310	6	2232	110	4541
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	5384	153	22	47	5406	200
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	5384	153	22	47	5406	200
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
MAY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	3	4	0	0	3	4
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	2	1	2
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	1	16	1	16
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	3	4	2	18	5	22
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	2	2	0	0	2	2
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	1	2	5	53	6	55
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	4	5	53	8	57

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

RELEASED: AUGUST 28, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	19	2610	3	733
3045	Gear Cutting Machines, N.E.C.	38	12066	12	3922
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	20	847	1	95
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	1	254	0	0
3209	Horizontal Machining Centers, ATC, NC	12	3612	2	839
3211	Machining Centers, NC, N.E.C.	97	6850	56	4203
3216	Single Station and Multi-Station Transfer Machines	12	6062	1	100
3225	Way Type Machines (Unit Heads)	5	710	2	304
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	3	218	1	69
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	5	302	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1373	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	905	1	8
3254	Drilling Machines, NC	12	765	2	59
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676	6	274
3256	Drilling Machines, Radial, Non-NC	17	181	1	17
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173	1	138
3258	Drilling Machines, Non-NC, N.E.C.	80	1297	12	145
3264	Milling Machines, NC	16	3207	1	667
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	237	0	0
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	60	2294	9	311
3276	Vertical Boring Machines, Incl. VTLs, NC	3	1028	2	656
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	111	8152	26	2262
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	25	2216	10	634
3503	Horizontal Lathes, Multi-Spindle, NC	2	640	1	251
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	34	2976	5	470
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	6	1043	3	277
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	6	1526	4	1075
3510	Horizontal Engine & Toolroom Lathes, Non-NC	38	656	6	45
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	5	256	2	141
3515	Automatic Bar Machines, Single-Spindle, Non-NC	17	330	3	49
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	287	8813	15	245
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	983	1	450
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	760	1	62
3525	Vertical Lathes, Excl. VTLs, Non-NC	45	3154	11	783
3528	Grinding, Polishing, Honing & Lapping Machines, NC	59	7874	14	3346
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	12	1657	1	150
3531	Tool & Cutter Grinding Machines, Non-NC	98	2091	26	427
3532	Honing & Lapping Machines, Non-NC	155	3008	11	177
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	80	1378	9	630
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	130	10002	50	2133
3541	External Grinding Machines, Non-NC	11	564	0	0
3542	Internal Grinding Machines, Non-NC	15	1790	3	463
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	88	5427	19	1535
3546	Grinding Machines, Non-NC, N.E.C.	98	2970	26	1173
3547	Traveling Wire Electrical Discharge Machines	0	0	0	0
3549	All Other Electrical Discharge Machines	39	519	3	13
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	2	142	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	13	431	4	169
3559	Metal Cutting Machine Tools, NC, N.E.C.	24	1770	2	37
3565	Sawing & Cut-Off Machines, Non-NC	184	3546	41	1056
3566	Broaching Machines, Non-NC	3	86	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	76	3175	18	1304
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	1785	16640	356	2771
5000	Metal Cutting Machine Tools, Less Than $2500**	10796	5896	2867	1366
	TOTAL CUTTING			3651	36036
	TOTAL CUTTING YTD	14768	148833		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	6888	0	1731
3568	Metal Forming Machine Tools, Used Or Rebuilt	323	7343	47	793
3569	Metal Forming Machine Tools, Less Than $2500	3480	1934	826	433
3571	Punching & Shearing Machines, Incl. Combination, NC	31	3533	10	935
3573	Shearing Machines, Non-NC	32	2144	8	267
3575	Punching & Combination Punching & Shearing Machines, Non-NC	261	4191	40	747
3578	Bending, Folding, Straightening & Flattening Machines, NC	33	2343	5	639
3582	Press Brakes, Non-NC	16	351	0	0
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	8	945	2	60
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	273	8403	66	2914
3588	Mechanical Presses, Non-NC	84	6894	19	1920
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	16	3240	3	806
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	322	18668	63	4794
3594	Headers & Upsetters, Non-NC	31	5536	9	1974
3595	Forging Machines, Non-NC, N.E.C.	116	4054	10	478
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	383	42887	84	8374
	TOTAL FORMING			1192	26868
	TOTAL FORMING YTD	5409	119365		
	TOTAL ALL TYPES			4843	62904
	TOTAL ALL TYPES YTD	20177	268198		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	24	1654	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	143	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	17	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	3	34	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	4	690	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	23	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	2	0	0	0	0	0	0
5000	0	0	46	77	0	0	2	4	9	5
CUT MO	0	0	78	2457	0	0	5	187	9	5
CUT YTD	2	64	404	8059	0	0	137	2224	27	92
1011	0	5	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	10	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	133	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	77	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	0	0	1	15	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	204	0	0	3	202	0	0
FRM MO	3	172	4	204	1	15	14	285	0	0
FRM YTD	3	189	216	425	9	189	74	1559	8	323
TOT MO	3	172	82	2660	1	15	19	472	9	5
TOT YTD	5	253	620	8483	9	189	211	3783	35	415

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	1	236	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	45	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	150	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	2	141	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	37	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	76
3532	0	0	0	0	0	0	0	0	1	7
3533	0	0	0	0	0	0	0	0	0	0
3538	1	7	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	3	423	4	112	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	4
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	10	1	30	0	0	1	25	0	0
5000	0	0	15	10	0	0	0	0	0	0
CUT MO	7	580	20	151	1	150	5	342	3	87
CUT YTD	217	2522	65	1290	4	769	180	618	10	194
1011	0	0	0	19	0	0	0	0	0	657
3568	2	3	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	2	24	0	0	1	87	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	1	151	1	269
3595	0	0	0	0	0	0	0	0	0	0
3598	1	479	0	0	0	0	0	0	0	0
FRM MO.	3	482	2	42	0	0	2	237	1	925
FRM YTD	48	2550	65	802	0	0	8	677	12	1656
TOT MO.	10	1062	22	193	1	150	7	579	4	1013
TOT YTD	265	5072	130	2093	4	769	188	1295	22	1850

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	2	808	0	0
3204	0	0	1	95	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	69	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	17	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	3	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	234	4	589	0	0	2	265	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	16	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	158	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	266	0	0	0	0	0	0
3544	0	0	0	0	0	0	5	112	0	0
3546	0	0	2	9	0	0	1	4	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	5	99	5	17	0	0	2	10	0	0
5000	7	7	204	117	0	0	2	19	0	0
CUT MO.	13	340	222	1355	0	0	79	64	0	0
CUT YTD	335	1457	1667	6134	0	0	93	1282	0	0
					3	196	510	8506	3	512
1011	0	0	0	28	0	0	0	13	0	0
3568	0	0	0	0	0	0	2	38	0	0
3569	0	0	0	0	0	0	43	27	0	0
3571	0	0	1	36	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	21	0	0
3575	0	0	0	0	0	0	2	47	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	16	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	168	0	0
3594	0	0	0	0	0	0	1	61	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	30	0	0	0	0	0	0
FRM MO.	0	0	3	109	0	0	0	0	2	7
FRM YTD	18	1354	78	3900	0	0	50	373	2	7
TOT MO.	13	340	225	1464	36	1042	187	3450	4	132
TOT YTD	353	2811	1745	10034	0	0	143	1655	2	7
					39	1238	697	11956	7	644

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	5	1388	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	839	0	0	0	0	0	0
3211	0	0	0	0	4	309	1	70	0	0
3216	0	0	0	0	1	100	0	0	0	0
3225	0	0	0	0	2	304	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	8	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	1	19	5	255	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	1	138	0	0	0	0	0	0
3258	0	0	0	0	1	3	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	2	49	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	607	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	92	0	0	0	0
3503	0	0	0	0	1	251	0	0	0	0
3505	0	0	2	169	1	72	0	0	0	0
3507	0	0	3	277	0	0	0	0	0	0
3509	0	0	1	259	0	0	0	0	0	0
3510	0	0	1	24	3	11	2	10	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	9	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	12	120	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	9	754	1	13	0	0	0	0
3528	0	0	5	1333	0	0	0	0	0	0
3529	0	0	1	150	0	0	0	0	0	0
3531	0	0	7	50	12	101	0	0	0	0
3532	0	0	1	6	1	4	0	0	0	0
3533	0	0	3	68	0	0	0	0	0	0
3538	0	0	2	441	2	59	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	2	198	0	0	0	0	0	0
3544	0	0	1	3	1	56	0	0	0	0
3546	0	0	6	353	6	45	1	5	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	5	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	13	0	0	0	0
3559	0	0	2	37	0	0	0	0	0	0
3565	0	0	11	100	12	551	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	8	353	2	44	0	0	0	0
4000	0	0	17	239	277	1615	5	19	0	0
5000	6	4	367	314	187	145	203	10	0	0
CUT MO.	6	4	461	8125	539	4223	212	115	0	0
CUT YTD	98	372	3064	28751	1600	18310	348	1075	18	502
1011	0	0	0	678	0	83	0	0	0	0
3568	0	0	1	15	31	203	0	0	0	0
3569	0	0	450	237	49	47	36	31	0	0
3571	0	0	0	0	1	112	0	0	0	0
3573	0	0	5	225	0	0	0	0	0	0
3575	0	0	0	0	10	276	0	0	0	0
3578	1	156	0	0	4	483	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	1	35	1	25	0	0	0	0
3584	4	163	32	1312	7	406	2	47	0	0
3588	0	0	3	176	8	121	0	0	0	0
3589	0	0	1	135	0	0	0	0	0	0
3590	0	0	0	0	30	370	1	15	0	0
3594	0	0	2	253	0	0	0	0	0	0
3595	0	0	7	59	2	99	0	0	0	0
3598	0	0	19	1631	5	106	0	0	0	0
FRM MO.	5	319	521	4756	148	2331	39	94	0	0
FRM YTD	39	757	2352	18999	739	12980	77	365	10	398
TOT MO.	11	323	982	12881	687	6554	251	208	0	0
TOT YTD	137	1129	5416	47750	2339	31290	425	1440	28	899

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	742	0	0	0	0	0	0	2	545
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	3	0	0	0	0	1	57
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	85	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	30	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	850	1	75	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	4	547	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	141	0	0	0	0	0	0	3	489
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	33
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	5	11	8	38	11	18	0	0
5000	3	2	15	10	0	0	47	40	264	132
CUT MO	11	2282	23	184	9	68	58	59	272	1255
CUT YTD	97	5473	53	516	244	436	132	656	705	14285
1011	0	23	0	0	0	0	0	0	0	0
3568	1	56	0	0	6	43	0	0	0	0
3569	0	0	0	0	24	12	0	0	0	0
3571	0	0	0	0	1	174	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	17
3575	15	159	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	104	0	0	0	0	0	0	0	0
3588	1	349	0	0	0	0	0	0	0	0
3589	1	448	0	0	0	0	0	0	1	222
3590	0	0	0	0	3	40	0	0	1	22
3594	2	285	0	0	1	856	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	55	0	0
FRM MO.	24	1424	0	0	35	1126	2	55	3	261
FRM YTD	58	3774	22	156	50	1905	302	429	98	15843
TOT MO.	35	3705	23	184	44	1193	60	114	275	1516
TOT YTD	155	9247	75	672	294	2342	434	1085	803	30128

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	3	733	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	50	3588
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	1	596
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	95
3521	0	0	0	0	0	0	0	0	1	450
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	1	63
3533	2	15	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	41	1049
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	1	6	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	2	95
3559	0	0	0	0	0	0	0	0	0	0
3565	3	52	0	0	0	0	0	0	9	114
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	192
4000	0	0	0	0	0	0	0	0	0	0
5000	20	18	21	33	0	0	296	49	739	149
CUT MO.	25	84	25	772	0	0	296	49	848	6390
CUT YTD	416	471	96	2303	4	254	437	950	1200	14090
1011	0	122	0	2	0	0	0	0	0	22
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	37	0	0	0	0	3	26
3588	0	0	0	0	0	0	0	0	2	976
3589	0	0	0	0	0	0	0	0	0	0
3590	1	237	2	93	0	0	0	0	8	505
3594	0	0	0	0	0	0	0	0	1	100
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	55	9	1501
FRM MO.	1	359	3	132	0	0	1	55	23	3130
FRM YTD	10	675	8	263	0	0	3	127	86	13488
TOT MO.	26	443	28	903	0	0	297	104	871	9520
TOT YTD	426	1145	104	2566	4	254	440	1077	1286	27579

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	439	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	59	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	7	37	0	0	0	0
3264	0	0	0	0	0	0	0	0	1	667
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	7	262	0	0	0	0	0	0	0	0
3276	2	656	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	510	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	2	23	0	0	0	0	0	0	2	125
3532	0	0	0	0	0	0	3	48	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	3	420	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	200	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	8	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	60	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	4	705	0	0	0	0	0	0	0	0
4000	4	171	0	0	0	0	5	137	7	211
5000	0	0	2	2	83	28	119	12	13	16
CUT MO.	33	3454	2	2	90	64	129	256	23	1018
CUT YTD	615	15178	2	2	194	246	383	3156	193	3000
1011	0	20	0	0	0	0	0	0	0	26
3568	2	411	0	0	0	0	1	19	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	5	125	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	3	95	0	0	0	0	1	126	4	98
3589	0	0	0	0	0	0	0	0	0	0
3590	10	2301	0	0	0	0	0	0	1	158
3594	0	0	0	0	0	0	0	0	0	0
3595	1	320	0	0	0	0	0	0	0	0
3598	37	4104	0	0	0	0	0	0	0	0
FRM MO.	58	7377	0	0	0	0	2	146	5	281
FRM YTD	225	20046	0	0	48	11	38	2451	20	898
TOT MO.	91	10830	2	2	90	64	131	402	28	1299
TOT YTD	840	35223	2	2	242	257	421	5607	213	3899

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	32	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	1	62	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	2	54	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	1	37	0	0	0	0	3	21	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	3	184	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	1	113	0	0	0	0
5000	0	0	69	56	51	65	0	0	0	0
CUT MO.	5	282	69	56	55	263	3	21	0	0
CUT YTD	21	2261	371	753	818	2460	16	95	0	0
1011	0	0	0	0	0	36	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	23	20	189	52	0	0	0	0
3571	0	0	4	283	2	280	0	0	0	0
3573	1	5	0	0	0	0	0	0	0	0
3575	0	0	8	141	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	28	1	34	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	795	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	5	36	471	194	1196	0	0	0	0
FRM YTD	6	253	106	1108	230	2109	7	379	2	20
TOT MO.	6	287	105	527	249	1460	3	21	0	0
TOT YTD	27	2514	477	1861	1048	4569	23	474	2	20

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	1	70
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	0	0	0	0
CUT MO.	0	0	0	0	1	70
CUT YTD	4	57	51	353	24	163
1011	0	0	0	0	0	0
3568	0	0	0	0	1	5
3569	0	0	2	2	0	0
3571	0	0	0	0	1	50
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	1	400
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	2	2	4	495
FRM YTD	82	410	19	560	6	2700
TOT MO.	0	0	2	2	5	565
TOT YTD	86	467	70	913	30	2864

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
MAY 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	1	156	1	156
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	6	4	0	0	6	4
PORTUGAL	0	0	4	163	4	163
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	6	4	5	319	11	323

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	200	5	0	0	200	5
BERMUDA	0	0	1	15	1	15
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	2	7	37	77	39	84
DOMINICAN REP.	2	11	0	0	2	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	2	7	0	0	2	7
HAITI	0	0	0	0	0	0
HONDURAS	1	5	0	0	1	5
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	4	76	0	0	4	76
SALVADOR	1	5	0	0	1	5
TRINIDAD	0	0	1	2	1	2
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	212	115	39	94	251	208

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	5	12	0	0	5	12
CHILE	3	10	0	0	3	10
ECUADOR	36	33	2	55	38	88
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	14	5	0	0	14	5
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	58	59	2	55	60	114

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
MAY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	2	4	0	0	2	4
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	15	17	1	26	16	42
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	25	62	25	62
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	2	5	4	50	6	54
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	50	31	6	335	56	365
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	69	56	36	471	105	527
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	1	70	0	0	1	70
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	2	450	2	450
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	1	5	1	5
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	1	40	1	40
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	70	4	495	5	565

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

9/23/87 A8050-3 A

REPORT

STATISTICAL
REPORT NO. 136-87
September 23, 1987

U.S. Foreign Trade in Machine Tools
First Six Months of 1987

During the first six months of 1987, U.S. exports increased 26% from the same period in 1986, to $319.9 million. U.S. imports fell 1% from last year's total to stand at $1,044.6 million for the first half of 1987. This resulted in a machine tool trade deficit of $724.7 million, 9% lower than the deficit recorded at the end of June 1986.

The table below details U.S. foreign trade in machine tools for both the second quarter and the first half of 1987. Highlights of the foreign trade activity in general and for specific countries are presented on the following pages.

U.S. Machine Tool Trade
($Millions)

	2nd Quarter 1987			6 months 1987		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 92.9	$396.4	($303.5)	$178.1	$ 782.0	($ 603.9)
Metal Forming	$ 71.1	$159.6	($ 88.5)	$141.7	$ 262.6	($ 120.9)
Total	$164.0	$556.0	($392.0)	$319.9	$1,044.6	($ 724.7)

EXPORTS

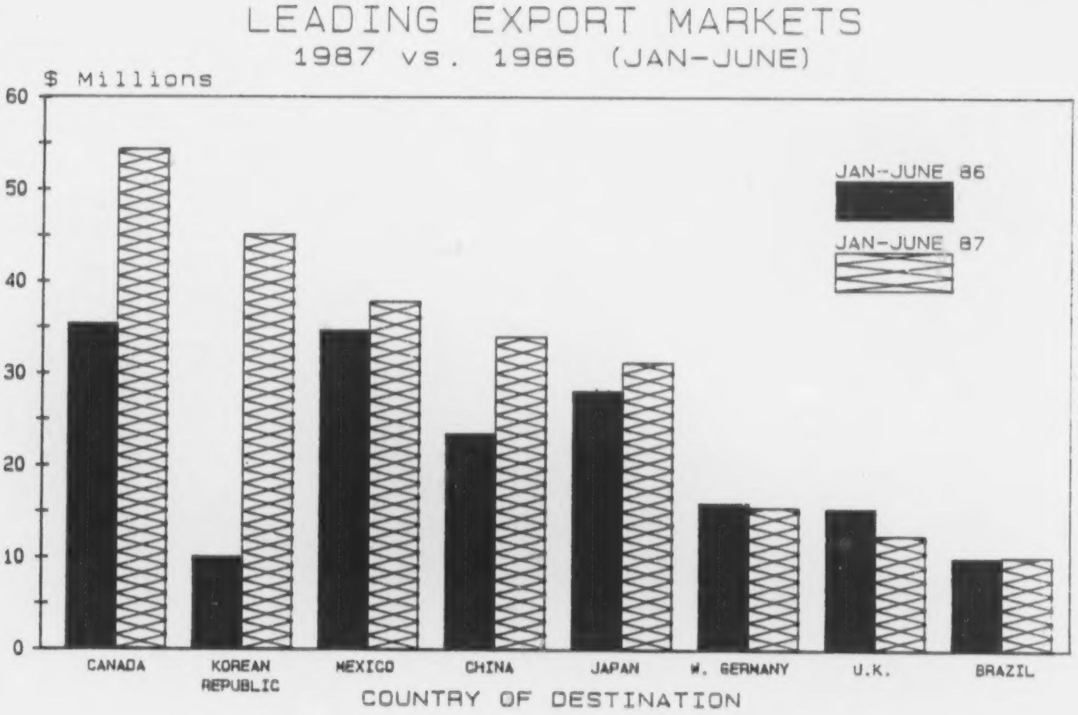
Compared to the first six months of 1986, exports of metal cutting machinery rose 11% while metal forming exports jumped 51%. Comparisons on a regional basis are shown on the following page for the first six months of 1987 and 1986.

	Jan-June 1987 (Millions)	Jan-June 1986 (Millions)	% Change
Asia	$134.1	$ 97.3	+ 37.8%
N & C America	94.0	71.5	+ 31.5
Europe	65.2	64.0	+ 1.9
South America	16.3	15.4	+ 5.8
Oceania	5.8	4.5	+ 28.9
Africa	4.5	1.6	+181.3
	$319.9	$254.4	+ 25.7%

Exports to eight countries represented 75% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading markets were:

	U.S. Exports-1987		U.S. Exports-1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Canada	$ 54.3	17.0%	$ 35.3	13.9%	+ 53.8%
Korean Republic	45.0	14.1	10.0	3.9	+350.0
Mexico	37.7	11.8	34.6	13.6	+ 9.0
China	33.9	10.6	23.4	9.2	+ 44.9
Japan	31.1	9.7	28.0	11.0	+ 11.1
West Germany	15.4	4.8	15.9	6.3	- 3.1
United Kingdom	12.4	3.9	15.3	6.0	- 19.0
Brazil	10.2	3.2	10.0	3.9	+ 1.0
	$239.8	75.0%	$172.5	67.8%	+ 39.0%

Canada was the leading market for U.S. machine tools in the first half of 1987, accounting for 17% of total U.S. exports. Metal cutting exports to Canada totaled $33.0 million for January through June, up 71% from the same period last year. Exports of metal forming machinery stood at $21.4 million, up 34% from last year's level of $16.0 million.



U.S. exports to the Korean Republic increased substantially for both metal cutting and metal forming machine tools during the first half of 1987. Metal cutting exports climbed 225%, rising from $6.5 million to $21.0 million, while metal forming exports jumped 579%, up from $3.5 million to $24.0 million for the current period. The Korean Republic's total export share gained 10 percentage points to a level of 14%.

Mexico's share of U.S. exports rose 2 percentage points from last year's level, to 12%. Metal cutting exports remained virtually unchanged from the first half of 1986 to stand at $23.0 million. Metal forming exports displayed a 26% rise over last year, to $14.7 million.

Metal cutting exports to China during the first half of 1987 were $17.6 million, 10% below the comparable 1986 total. Exports of metal forming machine tools increased 210% over last year, up from $5.8 million to $18.1 million. This activity amounted to an 11% total export share for China, a rise of 2 percentage points from last year.

U.S. exports to Japan represented 10% of total machine tool exports for the first six months of 1987. Metal cutting exports fell 24%, down from $20.0 million to $15.2 million. Metal forming exports, at $15.8 million, were up 98% from the $8.0 million registered for the first half of 1986.

West Germany's share of total U.S. exports stood at 5% for the first six months of 1987, down from 6% last year. Exports of metal cutting machine tools climbed 56% to $10.5 million while metal forming exports dropped 47% to stand at $4.8 million.

Total exports to the United Kingdom stood at $12.4 million for the current period, down 19% from last year's total of $15.3 million. Metal cutting exports totaled $8.0 million, down 34% from the first half of 1986. Metal forming exports rose 41% from last year to $4.4 million.

Brazil ranked as the eighth leading export market for U.S. machine tools in the first half of 1987 with a total share of 3%, down from 4%. Metal cutting exports fell 38%, from $9.2 million to $5.7 million. Exports for metal forming machinery rose more than six fold from the level registered in 1986, to stand at $4.5 million.

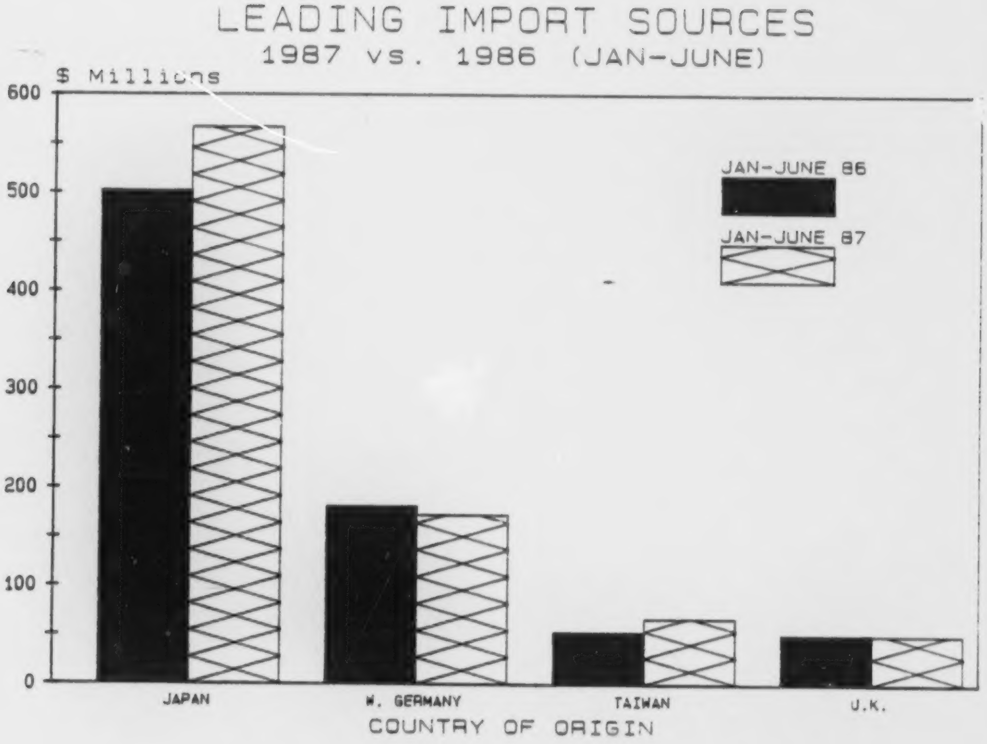
IMPORTS

U.S. imports of machine tools totaled $1,044.6 million during the first half of 1987. Imports of metal cutting machinery totaled $782.0 million and metal forming imports stood at $262.6 million. Compared to the same period last year, metal cutting imports decreased 4% while metal forming imports rose 9%.

Four countries supplied 82% of total U.S. machine tool imports during the first six months of 1987. Increases in dollar value occurred in Japan and Taiwan while decreases were displayed in West Germany and the United Kingdom.

	Jan-June 1987		Jan-June 1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$566.3	54.2%	$501.7	47.6%	+12.9%
West Germany	171.6	16.4	180.7	17.1	- 5.0
Taiwan	66.5	6.4	53.2	5.0	+25.0
United Kingdom	49.7	4.8	50.5	4.8	- 1.6
	$854.1	81.8%	$786.1	74.6%	+ 8.7%

Japan was the leading exporter of machine tools to the U.S. in the first half of 1987 with an overall dollar value of $566.3 million, up 13% from last year's level. Imports of metal cutting equipment from Japan rose 5% to $414.1 million. Metal forming imports totaled $152.2 million, a gain of 39%.



Total U.S. imports from West Germany fell 5% from the first half of 1986 to a level of $171.6 million. Both metal cutting and metal forming imports fell from the same period last year, dropping 3% and 11%, respectively. Metal cutting imports stood at $137.0 million and metal forming imports registered $34.6 million.

The overall dollar value of Taiwan's exports to the U.S. rose 25% to $66.5 million. Imports of metal cutting machinery rose 26% from last year, up from $51.5 million to $64.9 million. Metal forming imports fell 2% to $1.6 million.

Imports from the United Kingdom fell 2% to stand at $49.7 million for the first half of 1987. Imports of metal cutting machine tools increased 5% to $39.6 million. The $10.1 million in metal forming imports represents a 22% decrease from the same period last year.

Analysis of Export Restraints

In January of this year Japan and Taiwan began participating in a program of voluntary restraints of their exports of certain types of machine tools to the U.S. These restraints were negotiated as part of President Reagan's machine tool domestic action plan, the program developed by the administration in response to the machine tool industry's section 232 petition.

We have prepared the brief review below as a means of bringing you up to date on the impact of the export restraint program. Please keep in mind that the restraint program is for exports from Japan and Taiwan after January 1, 1987. Because of this, the analysis below, which is presented in terms of U.S. imports of machine tools, may obfuscate changes that have occurred as some early year U.S. imports were actually exported from Japan and Taiwan in late 1986. The data for the first half of 1987 nonetheless appears to indicate that the restraints are leading to a reduced unit volume of Japanese and Taiwanese machine tools entering the U.S. in the categories of machines covered by the agreements. Additionally, to the extent that late 1986 exports exceeded their late 1985 levels in terms of their U.S. market share, any export "surge" will be adjusted out of the 1987 or 1988 export quotas. The data are as follows:

	U.S. IMPORTS IN UNITS			
	Jan-Jun '86 Imports	Jan-Jun '87 Imports	Percent Change	VRA Quota *
JAPAN				
Lathes - NC	1,870	1,496	-20.0%	3,391
Non-NC	160	52	-67.5	236
Milling Machines	198	90	-54.5	369
Machining Centers	1,737	1,253	-27.9	2,036
Punching & Shearing Machines - NC	190	144	-24.2	201
Non-NC	264	334	+26.5	302
TAIWAN				
Lathes - NC	355	184	-48.2	191
Non-NC	950	741	-22.0	1,350
Milling Machines	1,439	1,316	-8.5	2,260
Machining Centers	170	217	+27.6	184

* - The quota figures listed were developed by the U.S. Department of Commerce as of May 1987 and represent annual export limits. The figures are derived by applying historical market share in units to a forecast of U.S. consumption of machine tools in the VRA categories. The quotas are revised quarterly on the basis of actual consumption trends. Therefore the quotas themselves, and the position of the countries with respect to their quota compliance, will change over time.

* * *

ES, I1, I2

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	27	3044	8	434
3045	Gear Cutting Machines, N.E.C.	44	13774	6	1708
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	23	1211	3	364
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	1	163
3209	Horizontal Machining Centers, ATC, NC	12	3612	0	0
3211	Machining Centers, NC, N.E.C.	104	7666	7	817
3216	Single Station and Multi-Station Transfer Machines	17	7962	5	1900
3225	Way Type Machines (Unit Heads)	9	1809	4	1100
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	612	2	394
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	8	714	3	412
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	4	135
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	905	0	0
3254	Drilling Machines, NC	12	765	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676	0	0
3256	Drilling Machines, Radial, Non-NC	35	322	18	140
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173	0	0
3258	Drilling Machines, Non-NC, N.E.C.	88	2120	8	823
3264	Milling Machines, NC	17	3260	1	53
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	12	242	1	6
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	64	2497	4	202
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	1	87
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	121	8831	10	679
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	25	2216	0	0
3503	Horizontal Lathes, Multi-Spindle, NC	4	937	2	297
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	37	3363	3	387
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	7	1111	1	68
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	6	1526	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	40	684	2	27
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	5	256	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	19	347	2	18
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	326	9952	39	1139
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	983	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	760	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	55	3923	10	768
3528	Grinding, Polishing, Honing & Lapping Machines, NC	72	8972	13	1098
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	12	1657	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	120	2713	22	622
3532	Honing & Lapping Machines, Non-NC	193	3515	38	507
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	89	1492	9	114
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	158	11471	28	1470
3541	External Grinding Machines, Non-NC	12	596	1	32
3542	Internal Grinding Machines, Non-NC	18	2655	3	865
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	97	5763	9	336
3546	Grinding Machines, Non-NC, N.E.C.	164	6615	66	3645
3547	Traveling Wire Electrical Discharge Machines	5	57	5	57
3549	All Other Electrical Discharge Machines	67	865	28	346
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621	8	479
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	20	669	7	238
3559	Metal Cutting Machine Tools, NC, N.E.C.	30	2178	6	407
3565	Sawing & Cut-Off Machines, Non-NC	233	4092	49	546
3566	Broaching Machines, Non-NC	4	95	1	9
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	93	4680	17	1505
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2593	20490	808	3850
5000	Metal Cutting Machine Tools, Less Than $2500**	12804	6952	2008	1057
	TOTAL CUTTING			3271	29310
	TOTAL CUTTING YTD	18039	178143		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	8540	0	1652
3568	Metal Forming Machine Tools, Used Or Rebuilt	407	9424	84	2081
3569	Metal Forming Machine Tools, Less Than $2500	4198	2399	718	465
3571	Punching & Shearing Machines, Incl. Combination, NC	37	4130	6	597
3573	Shearing Machines, Non-NC	35	2249	3	105
3575	Punching & Combination Punching & Shearing Machines, Non-NC	317	4968	56	777
3578	Bending, Folding, Straightening & Flattening Machines, NC	44	2535	11	192
3582	Press Brakes, Non-NC	16	351	0	0
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	8	945	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	329	10487	56	2084
3588	Mechanical Presses	108	8097	24	1204
3589	Hydraulic Presses, Vertical, Single Action	19	3355	3	115
3590	Hydraulic & Pneumatic Presses	375	24003	53	5335
3594	Headers & Upsetters, Non-NC	39	6667	8	1131
3595	Forging Machines, Non-NC, N.E.C.	119	4229	3	175
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	463	49346	80	6459
	TOTAL FORMING			1105	22377
	TOTAL FORMING YTD	6514	141741		
	TOTAL ALL TYPES			4376	51687
	TOTAL ALL TYPES YTD	24553	319884		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	2	252	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	121	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	10	679	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	21	0	0
3528	11	579	0	0	1	269	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	5	56	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	3	62	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	150	0	0	1	45	0	0
5000	0	0	11	8	0	0	0	0	0	0
CUT MO.	11	579	23	957	1	269	12	437	0	0
CUT YTD	13	642	427	9016	1	269	149	2661	27	92
1011	0	12	0	0	0	0	0	23	0	0
3568	0	0	1	10	0	0	0	0	0	0
3569	0	0	0	0	0	0	14	11	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	17
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	190	0	0	11	272	0	0
FRM MO.	0	12	5	200	0	0	25	306	1	17
FRM YTD	3	202	221	624	9	189	99	1865	9	340
TOT MO.	11	591	28	1157	1	269	37	743	1	17
TOT YTD	16	844	648	9640	10	458	248	4526	36	432

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	15	70	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	2	304
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	16	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	522	0	0	1	18
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	144	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	38	11	103	0	0	1	20	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	7	49	0	0	0	0	0	0	0	0
5000	54	6	114	24	0	0	2	2	2	3
CUT MO.	63	108	125	127	17	592	4	166	5	325
CUT YTD	280	2631	190	1417	21	1361	184	784	15	519
1011	0	305	0	8	0	0	0	0	0	62
3568	2	37	0	0	0	0	0	0	6	15
3569	11	6	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	2	13	0	0	0	0	0	0
3575	0	0	1	35	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	37	0	0	0	0	4	214	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	2	581	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	2	872	0	0	0	0	5	59
FRM MO.	16	966	5	927	0	0	4	214	11	136
FRM YTD	64	3516	70	1729	0	0	12	891	23	1792
TOT MO.	79	1074	130	1054	17	592	8	380	16	461
TOT YTD	344	6147	260	3146	21	1361	196	1675	38	2311

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674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	215	0	0
3225	0	0	0	0	0	0	1	149	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	104	0	0	0	0	0	0
3248	0	0	1	50	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	2	55	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	356	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	46	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	1	121	0	0	0	0	0	0
3505	0	0	0	0	0	0	2	231	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	116	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	3	32	0	0	0	0	25	303	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	319	0	0	2	546	0	0
3544	0	0	0	0	0	0	2	42	0	0
3546	0	0	4	301	0	0	5	102	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	52	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	5	180	0	0	0	0	0	0
4000	0	0	17	360	0	0	0	0	0	0
5000	37	15	197	146	0	0	94	67	0	0
CUT MO.	40	47	233	1850	0	0	136	2010	0	0
CUT YTD	375	1504	1900	7985	3	196	646	10516	3	512
1011	0	0	0	128	0	0	0	19	0	0
3568	0	0	0	0	0	0	29	326	0	0
3569	0	0	21	18	0	0	62	28	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	6	84	0	0	2	28	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	138	0	0	2	129	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	1	61	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	154	0	0
3594	0	0	0	0	0	0	5	350	0	0
3595	0	0	1	39	0	0	0	0	0	0
3598	1	55	0	0	0	0	1	352	0	0
FRM MO.	1	55	32	468	0	0	102	1384	0	0
FRM YTD	19	1409	110	4367	36	1042	289	4834	4	132
TOT MO.	41	102	265	2318	0	0	238	3394	0	0
TOT YTD	394	2913	2010	12352	39	1238	935	15351	7	644

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	265	0	0	0	0	0	0
3045	0	0	0	0	3	367	0	0	0	0
3204	0	0	0	0	0	0	0	0	1	112
3206	0	0	0	0	1	163	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	2	1000	2	685	0	0	0	0
3225	0	0	0	0	3	951	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	2	307	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	15	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	163	0	0	0	0	0	0
3264	0	0	0	0	1	53	0	0	0	0
3266	0	0	1	6	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	141	0	0	0	0
3276	0	0	1	87	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	1	176	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	1	68	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	24	1	4	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	6	1	12	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	21	375	15	709	1	7	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	108	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	16	160	2	31	0	0	0	0
3532	0	0	1	5	2	8	0	0	0	0
3533	0	0	2	32	0	0	0	0	0	0
3538	0	0	0	0	6	86	2	16	0	0
3541	0	0	1	32	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	8	0	0	0	0
3546	0	0	8	152	4	26	2	14	0	0
3547	0	0	5	57	0	0	0	0	0	0
3549	0	0	24	29	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	5	70	0	0	0	0
3559	0	0	6	407	0	0	0	0	0	0
3565	0	0	10	58	21	214	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	151	5	29	0	0	0	0
4000	4	578	92	366	386	1013	35	50	0	0
5000	125	81	494	286	42	31	22	18	50	3
CUT MO.	129	658	695	4208	506	4722	62	104	51	115
CUT YTD	227	1030	3759	32959	2106	23031	410	1179	69	616
1011	0	0	0	80	0	460	0	378	0	0
3568	0	0	1	20	40	132	0	0	0	0
3569	1	2	447	222	73	92	3	2	0	0
3571	0	0	6	597	0	0	0	0	0	0
3573	0	0	1	93	0	0	0	0	0	0
3575	0	0	25	301	6	43	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	16	331	12	136	0	0	1	40
3588	0	0	2	244	17	342	0	0	0	0
3589	0	0	0	0	2	54	0	0	0	0
3590	1	421	0	0	13	269	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	7	0	0	0	0
3598	0	0	10	469	11	194	2	9	0	0
FRM MO.	2	423	508	2356	175	1730	5	388	1	40
FRM YTD	41	1180	2860	21355	914	14709	82	753	11	437
TOT MO.	131	1081	1203	6564	681	6451	67	491	52	154
TOT YTD	268	2210	6619	54314	3020	37741	492	1931	80	1053

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	186
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	274
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	3	85	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	157
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	163	0	0	0	0	0	0	1	200
3532	0	0	0	0	0	0	0	0	1	87
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	1	9	0	0
3567	1	31	0	0	0	0	0	0	1	214
4000	0	0	3	15	2	16	21	128	1	350
5000	11	15	0	0	91	26	2	3	3	5
CUT MO.	13	209	3	15	96	127	26	155	10	1472
CUT YTD	110	5682	56	531	340	563	158	811	715	15757
1011	0	2	0	5	0	57	0	51	0	0
3568	0	0	2	3	1	93	0	0	0	0
3569	0	0	0	0	7	5	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	10	158	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	9	707	0	0	0	0	0	0	2	88
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	1	200	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	77	0	0	12	2164
FRM MO.	9	708	3	208	19	389	0	51	14	2252
FRM YTD	67	4483	25	364	69	2294	302	480	112	18095
TOT MO.	22	917	6	223	115	516	26	206	24	3724
TOT YTD	177	10164	81	895	409	2858	460	1291	827	33852

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	7	169	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	178
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	4	269	0	0	0	0	0	0	1	332
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	48	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	126	0	0
3528	0	0	0	0	0	0	0	0	1	251
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	31
3532	0	0	0	0	0	0	0	0	0	0
3533	5	28	0	0	0	0	0	0	0	0
3538	0	0	1	37	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	126
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	14	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	2	168
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	18	0	0	0	0	0	0	0	0
5000	56	13	11	4	0	0	22	19	242	46
CUT MO.	76	545	13	56	0	0	23	145	249	1132
CUT YTD	492	1015	109	2359	4	254	460	1095	1449	15222
1011	0	0	0	0	0	0	0	0	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	5	2	0	0	0	0	0	0	33	64
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	34	0	0	0	0	1	35	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	74	0	0	0	0	0	0	2	21
3588	0	0	0	0	0	0	0	0	1	111
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	88	14	1931
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	129
3598	0	0	0	0	0	0	0	0	2	87
FRM MO.	9	110	0	0	0	0	4	122	53	2347
FRM YTD	19	785	8	263	0	0	7	249	139	15835
TOT MO.	85	655	13	56	0	0	27	267	302	3479
TOT YTD	511	1800	117	2622	4	254	467	1344	1588	31057

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	1163	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	17	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	2	54
3538	15	670	0	0	0	0	1	120	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	8	2	8
3546	43	3050	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	271
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	900	0	0	0	0	0	0	0	0
4000	0	0	171	500	1	11	3	10	3	19
5000	46	54	17	30	8	11	44	14	32	3
CUT MO.	110	5854	188	530	9	22	50	152	40	355
CUT YTD	725	21032	190	532	203	269	433	3308	233	3355
1011	0	0	0	0	0	4	0	0	0	0
3568	1	1404	0	0	1	42	0	0	0	0
3569	0	0	0	0	0	0	13	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	2	252	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	6	2030	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	16	492	0	0	0	0	0	0	0	0
FRM MO.	23	3926	0	0	1	46	15	259	0	0
FRM YTD	248	23972	0	0	49	57	53	2710	20	898
TOT MO.	133	9780	188	530	10	68	65	410	40	355
TOT YTD	973	45003	190	532	252	325	486	6017	253	4254

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	30	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	382	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	37	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	32	0	0	0	0
3551	8	479	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	54	137	3	5	0	0	0	0	0	0
5000	0	0	3	2	83	99	17	9	0	0
CUT MO.	63	646	7	44	88	512	17	9	0	0
CUT YTD	84	2906	378	797	906	2972	33	104	0	0
1011	0	0	0	0	0	32	0	26	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	28	8	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	144	12	74	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	238	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	12	382	3	60	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	1164	0	0	0	0	0	0	0	0
FRM MO.	2	1402	14	526	43	173	0	26	0	0
FRM YTD	8	1655	120	1633	273	2282	7	405	2	20
TOT MO.	65	2048	21	569	131	686	17	35	0	0
TOT YTD	92	4561	498	2430	1179	5254	40	509	2	20

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	1	33
5000	0	0	76	16	0	0
CUT MO.	0	0	76	16	1	33
CUT YTD	4	57	127	369	25	196
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	1	34
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	1	171
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	1	4	0	0
FRM MO.	0	0	1	4	2	205
FRM YTD	82	410	20	564	8	2906
TOT MO.	0	0	77	20	3	238
TOT YTD	86	467	147	933	33	3101

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	2	0	0	2	2
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	518	0	0	1	518
ICELAND	1	2	0	0	1	2
MALTA	0	0	0	0	0	0
NORWAY	124	79	2	423	126	502
PORTUGAL	1	58	0	0	1	58
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	129	658	2	423	131	1081
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	17	15	0	0	17	15
DOMINICAN REP.	37	32	5	10	42	42
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	2	14	0	0	2	14
HAITI	0	0	0	33	0	33
HONDURAS	1	3	0	0	1	3
JAMAICA	3	19	0	0	3	19
LW & WW IS.	1	15	0	0	1	15
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	333	0	333
SALVADOR	0	0	0	10	0	10
TRINIDAD	0	0	0	2	0	2
TURK ISLAND	1	7	0	0	1	7
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	62	104	5	388	67	491
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	5	54	0	45	5	99
ECUADOR	17	82	0	6	17	88
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	4	20	0	0	4	20
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	26	155	0	51	26	206
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	6	7	0	0	6	7
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	14	526	14	526
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	1	37	0	0	1	37
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	7	44	14	526	21	569
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	171	1	171
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	33	0	0	1	33
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	1	34	1	34
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	33	2	205	3	238

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
674:	METAL CUTTING				
3025	Gear Hobbers	48	6845	3	648
3035	Gear Shapers	20	4165	1	179
3045	Gear Cutting Machines, N.E.C.	14	1165	3	69
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	883	76833	154	14594
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	142	13193	18	1961
3409	Horizontal Machining Centers, ATC, NC	355	52854	38	6749
3411	Machining Centers, NC, N.E.C.	280	32331	25	2386
3412	Single Station and Multi-Station Transfer Machines	26	9867	2	347
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288	1	550
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	44	11989	10	2484
3419	Vertical Boring-Drilling-Milling Machines, NC	98	8520	9	762
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701	4	46
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	78	2220	19	1392
3328	Drilling Machines, NC	79	3757	14	401
3329	Drilling Machines, Multi-Spindle, Non-NC	23	1151	5	280
3334	Drilling Machines, Radial, Non-NC	98	526	17	96
3336	Drilling Machines, Upright, Single Spindle, Non-NC	19	168	7	83
3342	Drilling Machines, Non-NC, N.E.C.	276	8818	28	538
3464	Milling Machines, NC	374	17787	156	4532
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	8	652	6	128
3467	Milling Machines, Knee Type, Non-NC	1717	9923	286	1342
3468	Milling Machines, Bed Type, Non-NC	111	2165	16	255
3469	Milling Machines, Non-NC, N.E.C.	487	8315	66	673
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	54	1330	6	138
3481	Boring Machines, NC, N.E.C.	23	2542	3	167
3483	Boring Machines, Non-NC N.E.C.	165	5182	31	539
3504	Horizontal Lathes, Multi-Spindle, NC	43	4198	14	2239
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1613	81965	206	10367
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	238	22942	52	4053
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	124	9893	62	4069
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1540	12358	224	1787
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	57	1632	10	348
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	22	4046	2	456
3515	Automatic Bar Machines, Single Spindle, Non-NC	19	840	3	143
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	1	206
3518	Horizontal Lathes, Non-NC, N.E.C.	163	2278	70	918
3505	Vertical Lathes, Multi-Spindle, NC	66	5128	5	925
3519	Vertical Lathes, NSPF, NC	152	15056	17	4010
3522	Vertical Lathes, Excl. VTL's, Non-NC	491	9799	111	2199
3527	Gear Tooth Grinding & Finishing Machines	151	15595	22	549
3528	Tool & Cutter Grinding Machines, NC	17	848	1	85
3529	Tool & Cutter Grinding Machines, Non-NC	514	8882	79	2828
3533	Honing & Lapping Machines	136	5981	7	498
3539	Grinding Machines, Flat Surface, NC	37	2596	9	813
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	84	1593	12	433
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1185	14687	154	1659
3546	Grinding & Polishing Machines, NC, N.E.C.	95	16432	8	2231
3554	External Grinding Machines, Non-NC	148	5121	24	351
3556	Internal Grinding Machines, Non-NC	5	202	0	0
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	44	4155	10	350
3559	Grinding Machines, Non-NC, N.E.C.	912	34464	203	6328
3562	Traveling Wire Electrical Discharge Machines	279	19941	51	3007
3564	All Other Electrical Discharge Machines	188	8474	63	1666
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	47	5840	7	1245
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	71	1649	31	255
3576	Metal Cutting Machines Tools, NC, N.E.C.	42	66710	5	18331
3577	Sawing & Cut-Off Machines, Non-NC	2725	23439	117	1525
3578	Broaching Machines, Non-NC	32	1082	1	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	737	24342	132	4383
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2093	11521	213	2250
5000	Metal Cutting Machine Tools, Less Than $2500**	553646	48947	85279	9089
	TOTAL CUTTING			88133	130954
	TOTAL CUTTING YTD	573216	781976		
674:	METAL FORMING				
1010	Die Casting Machines	221	15374	35	1443
3582	Metal Forming Machine Tools, Used or Rebuilt	358	4502	116	2394
3583	Metal Forming Machine Tools, Less Than $2500	13144	4445	2202	825
3584	Punching and Shearing Machines, Incl. Combination, NC	194	26842	41	3468
3586	Shearing Machines, Non-NC	397	8691	88	1975
3587	Punching & Combination Punching & Shearing Machines, Non-NC	409	6350	58	1456
3588	Bending, Folding, Straightening & Flattening Machines, NC	82	7678	15	1659
3589	Press Brakes, Non-NC	409	11643	50	1518
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	48	802	9	220
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	556	13044	73	1620
3593	Metal Forming Machine Tools, NC, N.E.C.	62	18104	10	1120
3594	Mechanical Presses, Non-NC	866	39726	773	31515
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	71	1845	14	800
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	343	64197	27	16548
3597	Headers & Upsetters, Non-NC	81	3207	14	814
3598	Forging Machines, Non-NC, N.E.C.	79	3901	1	3
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	683	32225	112	6087
	TOTAL FORMING			3638	73471
	TOTAL FORMING YTD	18003	262592		
	TOTAL ALL TYPES			91771	204425
	TOTAL ALL TYPES YTD	591219	1044568		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	2	350
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	1	550
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	39	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	2	921
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	7	83
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	130	3008	5	66
3466	0	0	0	0	0	0	0	0	3	83
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	1	17
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	5	41
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	17	0	0	14	191
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	3	176	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	10	49	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	44	611	0	0	0	0	0	0	1	80
3527	0	0	0	0	0	0	0	0	8	115
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	2	37	1	50
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	7	137
3543	0	0	0	0	0	0	1	9	13	333
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	16	52
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	3	94
3559	0	0	1	10	10	41	16	91	11	575
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	1	27
3577	0	0	0	0	0	0	3	11	10	56
3578	0	0	0	0	0	0	0	0	0	0
3579	1	7	0	0	0	0	1	15	5	479
4000	0	0	0	0	4	19	5	26	32	251
5000	276	70	4	2	1547	42	930	437	764	276
CUT MO.	331	737	5	12	1563	177	1091	3810	912	4823
CUT YTD	1169	3958	541	1119	1732	730	2322	6346	3324	21546
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	14	114
3583	0	0	1	1	0	0	97	117	151	115
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	7	154	0	0	0	0	4	30
3587	0	0	0	0	0	0	1	3	2	128
3588	0	0	0	0	0	0	3	148	4	234
3589	0	0	7	248	0	0	0	0	6	174
3591	0	0	2	7	0	0	0	0	0	0
3592	0	0	3	96	0	0	1	159	23	378
3593	0	0	0	0	0	0	1	38	0	0
3594	0	0	0	0	0	0	0	0	4	13
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	1	9
3597	0	0	0	0	0	0	0	0	1	50
3598	1	3	0	0	0	0	0	0	0	0
3599	4	30	0	0	0	0	1	1	13	612
FRM MO.	5	33	20	506	0	0	104	467	223	1856
FRM YTD	36	1080	288	5201	6	176	323	2383	1539	13946
TOT MO.	336	770	25	518	1563	177	1195	4277	1135	6679
TOT YTD	1205	5037	829	6320	1738	905	2645	8728	4863	35491

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	33
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	2	1003	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	154
3412	0	0	0	0	0	0	0	0	1	119
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	8	47	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	2	5	0	0
3464	0	0	0	0	0	0	0	0	2	531
3466	0	0	0	0	0	0	0	0	0	0
3467	14	58	0	0	64	317	1	73	0	0
3468	0	0	0	0	13	110	0	0	0	0
3469	0	0	0	0	6	176	5	141	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	97	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	1	641
3510	0	0	0	0	0	0	1	107	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	2	456
3515	0	0	0	0	1	48	0	0	2	96
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	38
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	3	216	0	0	2	131
3527	0	0	0	0	0	0	0	0	3	83
3528	0	0	0	0	0	0	0	0	1	85
3529	0	0	0	0	3	233	0	0	7	149
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	6	36
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	6	219
3556	0	0	0	0	0	0	0	0	0	0
3558	3	61	0	0	0	0	0	0	0	0
3559	20	581	0	0	8	120	2	12	9	1047
3562	0	0	0	0	0	0	0	0	6	362.
3564	0	0	0	0	1	41	0	0	2	217
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	4	39	0	0
3576	0	0	0	0	0	0	0	0	1	19
3577	0	0	0	0	0	0	3	45	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	1	162	0	0	0	0	3	75	0	0
4000	1	1	0	0	1	35	1	2	6	729
5000	122	118	21	37	11	16	146	131	387	73
CUT MO.	163	1983	29	84	112	1408	168	630	448	5218
CUT YTD	429	4428	71	261	1220	7398	1099	6662	5654	38361
1010	0	0	0	0	0	0	0	0	1	3
3582	1	13	0	0	0	0	1	55	0	0
3583	0	0	0	0	1	1	9	3	144	16
3584	0	0	0	0	0	0	0	0	1	208
3586	2	48	1	18	0	0	0	0	0	0
3587	1	8	0	0	17	112	22	419	0	0
3588	0	0	0	0	0	0	0	0	3	133
3589	2	25	2	27	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	201	0	0
3592	0	0	0	0	0	0	16	276	2	44
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	11	0	0	5	66
FRM MO.	6	93	3	45	19	124	53	954	156	469
FRM YTD	99	1478	29	391	64	944	1281	4098	545	9783
TOT MO.	169	2076	32	129	131	1532	221	1584	604	5687
TOT YTD	528	5906	100	651	1284	8342	2380	10760	6199	48144

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	615	0	0	0	0	0	0
3035	0	0	1	179	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	4	192	15	1395	0	0	0	0	0	0
3406	0	0	1	102	0	0	0	0	0	0
3409	0	0	1	102	0	0	0	0	0	0
3411	3	270	2	394	0	0	0	0	0	0
3412	0	0	1	228	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	669	0	0	0	0	0	0
3419	0	0	7	689	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	10	339	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	6	327	5	26	0	0	4	18	0	0
3464	6	192	0	0	0	0	0	0	0	0
3466	0	0	2	7	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	1	45	0	0	0	0	0	0	0	0
3469	0	0	2	8	0	0	1	10	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	13	268	0	0	3	44	0	0
3504	1	26	0	0	0	0	0	0	0	0
3506	29	277	5	920	0	0	2	65	0	0
3508	1	124	0	0	0	0	0	0	0	0
3510	0	0	1	158	0	0	0	0	0	0
3512	32	291	0	0	0	0	1	12	8	65
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	114	0	0	59	584	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	1	2762	0	0	2	120	0	0
3522	8	35	2	307	0	0	4	315	25	101
3527	4	88	4	222	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	12	919	35	822	0	0	1	11	0	0
3533	2	23	4	463	0	0	0	0	0	0
3539	1	306	0	0	0	0	1	89	0	0
3541	0	0	3	146	0	0	0	0	0	0
3543	1	10	24	323	0	0	11	49	0	0
3546	0	0	7	2124	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	1	9	0	0	0	0	0	0
3559	9	559	72	2358	0	0	5	91	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	3	9	2	291	0	0	0	0	0	0
3567	2	561	0	0	0	0	0	0	0	0
3571	3	46	0	0	0	0	0	0	0	0
3576	0	0	1	188	0	0	0	0	0	0
3577	15	78	17	367	0	0	15	130	0	0
3578	0	0	1	8	0	0	0	0	0	0
3579	7	392	35	1583	0	0	34	353	0	0
4000	36	232	67	357	0	0	11	70	0	0
5000	329	224	3762	444	0	0	703	184	0	0
CUT MO.	529	5678	4097	18533	59	584	798	1562	33	166
CUT YTD	5921	39579	24077	136985	214	2174	4517	12238	145	726
1010	1	2	2	922	0	0	7	470	0	0
3582	7	18	1	64	0	0	17	188	0	0
3583	20	12	442	218	0	0	2	3	0	0
3584	0	0	2	187	0	0	0	0	0	0
3586	7	81	5	85	0	0	4	44	0	0
3587	0	0	11	360	0	0	1	10	0	0
3588	0	0	3	460	0	0	0	0	0	0
3589	0	0	0	0	0	0	12	318	0	0
3591	0	0	0	0	0	0	2	12	0	0
3592	1	26	6	355	0	0	18	232	0	0
3593	0	0	0	0	0	0	1	202	0	0
3594	0	0	1	61	0	0	0	0	0	0
3595	0	0	1	619	0	0	1	14	0	0
3596	10	2236	3	623	0	0	1	84	0	0
3597	0	0	7	153	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	5	393	8	856	0	0	17	516	0	0
FRM MO.	51	2767	492	4962	0	0	83	2091	0	0
FRM YTD	1070	10096	2412	34626	0	0	1225	14983	0	0
TOT MO.	580	8445	4589	23494	59	584	881	3653	33	166
TOT YTD	6991	49674	26489	171611	214	2174	5742	27221	145	726

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	123	12450	0	0	0	0
3406	0	0	0	0	14	1646	0	0	0	0
3409	0	0	0	0	35	5644	0	0	0	0
3411	0	0	0	0	17	1218	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	9	1815	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	5	134	0	0	0	0
3329	0	0	0	0	4	276	0	0	0	0
3334	0	0	0	0	0	0	4	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	118	0	0	0	0
3464	0	0	0	0	7	412	0	0	0	0
3466	0	0	0	0	1	38	0	0	0	0
3467	0	0	0	0	1	23	0	0	40	200
3468	0	0	0	0	0	0	1	9	0	0
3469	11	69	0	0	1	56	2	34	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	13	2214	0	0	0	0
3506	0	0	0	0	132	8375	7	248	3	28
3508	0	0	0	0	37	2671	10	441	0	0
3510	0	0	0	0	60	3804	0	0	0	0
3512	2	17	0	0	2	277	59	362	13	106
3513	0	0	0	0	4	181	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	1	206	0	0	0	0
3518	0	0	0	0	3	155	1	21	0	0
3505	0	0	0	0	4	912	0	0	0	0
3519	0	0	0	0	11	1023	0	0	0	0
3522	0	0	0	0	2	90	6	235	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	428	0	0	10	170
3533	0	0	0	0	1	12	0	0	0	0
3539	7	417	0	0	0	0	0	0	0	0
3541	0	0	0	0	2	150	0	0	0	0
3543	0	0	0	0	24	260	0	0	0	0
3546	0	0	0	0	1	108	0	0	0	0
3554	0	0	0	0	1	76	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	3	186	0	0	0	0
3559	4	102	0	0	9	501	0	0	0	0
3562	0	0	0	0	45	2645	0	0	0	0
3564	0	0	0	0	19	794	0	0	0	0
3567	0	0	0	0	5	684	0	0	0	0
3571	0	0	0	0	4	91	0	0	0	0
3576	0	0	0	0	2	18098	0	0	0	0
3577	0	0	0	0	21	696	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	39	1288	0	0	0	0
4000	0	0	0	0	21	336	0	0	0	0
5000	1567	114	1	2	4791	681	31	50	335	357
CUT MO.	1591	718	1	2	5485	70771	121	1425	401	860
CUT YTD	2001	1858	18	803	34795	414114	674	7856	1277	3648
1010	0	0	0	0	24	47	0	0	0	0
3582	0	0	0	0	75	1943	0	0	0	0
3583	3	4	0	0	698	90	0	0	16	35
3584	0	0	0	0	38	3074	0	0	0	0
3586	0	0	7	149	35	1172	0	0	12	128
3587	0	0	0	0	3	417	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	64	18	655	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	9	1	42	0	0	0	0
3593	0	0	0	0	6	719	0	0	0	0
3594	0	0	0	0	767	31430	0	0	1	11
3595	0	0	0	0	3	82	0	0	9	85
3596	0	0	0	0	10	13557	0	0	0	0
3597	0	0	0	0	6	611	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	46	730	0	0	0	0
FRM MO.	3	4	10	222	1730	54568	0	0	38	260
FRM YTD	196	9	60	1199	4350	152167	8	62	84	861
TOT MO.	1594	722	11	224	7215	125339	121	1425	439	1120
TOT YTD	2197	1866	78	2002	39145	566281	682	7918	1361	4509

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	3	69	0	0	0	0
3404	12	559	0	0	0	0
3406	3	214	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	1	34	0	0	0	0
3422	4	46	0	0	0	0
3423	7	132	0	0	0	0
3328	9	266	0	0	0	0
3329	1	4	0	0	0	0
3334	5	23	0	0	0	0
3336	0	0	0	0	0	0
3342	6	31	0	0	1	12
3464	6	323	0	0	0	0
3466	0	0	0	0	0	0
3467	166	672	0	0	0	0
3468	1	92	0	0	0	0
3469	32	144	0	0	5	19
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	1	67	0	0	2	100
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	23	420	0	0	5	33
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	94	564	0	0	3	44
3513	6	167	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	0	0
3505	1	13	0	0	0	0
3519	3	105	0	0	0	0
3522	13	76	0	0	1	3
3527	3	41	0	0	0	0
3528	0	0	0	0	0	0
3529	1	10	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	71	518	0	0	3	121
3546	0	0	0	0	0	0
3554	1	4	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	26	216	0	0	1	25
3562	0	0	0	0	0	0
3564	36	315	0	0	0	0
3567	0	0	0	0	0	0
3571	20	79	0	0	0	0
3576	0	0	0	0	0	0
3577	33	142	0	0	0	0
3578	0	0	0	0	0	0
3579	4	16	0	0	2	14
4000	17	44	0	0	11	148
5000	67146	5744	3	5	2403	86
CUT MO.	67756	11153	3	5	2437	604
CUT YTD	440874	64873	57	240	41085	6021
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	594	162	0	0	24	50
3584	0	0	0	0	0	0
3586	0	0	0	0	4	65
3587	0	0	0	0	0	0
3588	0	0	0	0	-2	684
3589	1	7	0	0	0	0
3591	0	0	0	0	0	0
3592	1	3	0	0	0	0
3593	0	0	1	122	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	2	41	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	4	46	0	0	8	2827
FRM MO.	602	258	1	122	39	3665
FRM YTD	4087	1648	32	176	269	7270
TOT MO.	68358	11411	4	127	2476	4269
TOT YTD	444961	66521	89	416	41354	13291

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	13	98	0	0	13	98
EAST GERMANY	1	6	0	0	1	6
FINLAND	0	0	1	17	1	17
GIBRALTAR	0	0	0	0	0	0
GREECE	4	96	0	0	4	96
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	1	667	1	667
MALTA	0	0	0	0	0	0
NORWAY	20	2	1	40	21	42
POLAND	7	62	0	0	7	62
ROMANIA	1	97	0	0	1	97
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	46	362	3	724	49	1085

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	1	56	1	56
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	1781	63	28	115	1809	177
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	1781	63	29	171	1810	233

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ARGENTINA	3	112	0	0	3	112
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	3	112	0	0	3	112

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	1	2700	1	2700
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	1	2700	1	2700

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	601	63	0	0	601	63
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	1	3	0	0	1	3
TOTAL	602	66	0	0	602	66
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	5	2	0	0	5	2
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	6	71	6	71
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	5	2	6	71	11	73

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3020	Gear Hobbers & Shapers	27	3044
3045	Gear Cutting Machines, N.E.C.	44	13774
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	23	1211
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417
3209	Horizontal Machining Centers, ATC, NC	12	3612
3211	Machining Centers, NC, N.E.C.	104	7666
3216	Single Station and Multi-Station Transfer Machines	17	7962
3225	Way Type Machines (Unit Heads)	9	1809
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	612
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580
3247	Vertical Boring-Drilling-Milling Machines, NC	8	714
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	905
3254	Drilling Machines, NC	12	765
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676
3256	Drilling Machines, Radial, Non-NC	35	322
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173
3258	Drilling Machines, Non-NC, N.E.C.	88	2120
3264	Milling Machines, NC	17	3260
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	12	242
3267	Milling Machines, Knee Type, Non-NC	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0
3269	Milling Machines, Non-NC, N.E.C.	64	2497
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	121	8831
3281	Boring Machines, NC, N.E.C.	1	245
3283	Boring Machines, Non-NC, N.E.C.	25	2216
3503	Horizontal Lathes, Multi-Spindle, NC	4	937
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	37	3363
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	7	1111
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	6	1526
3510	Horizontal Engine & Toolroom Lathes, Non-NC	40	684
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	5	256
3515	Automatic Bar Machines, Single-Spindle, Non-NC	19	347
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727
3518	Horizontal Lathes, Non-NC, N.E.C.	326	9952
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	983
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	760
3525	Vertical Lathes, Excl. VTLs, Non-NC	55	3923
3528	Grinding, Polishing, Honing & Lapping Machines, NC	72	8972
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	12	1657
3531	Tool & Cutter Grinding Machines, Non-NC	120	2713
3532	Honing & Lapping Machines, Non-NC	193	3515
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	89	1492
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	158	11471
3541	External Grinding Machines, Non-NC	12	596
3542	Internal Grinding Machines, Non-NC	18	2655
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	97	5763
3546	Grinding Machines, Non-NC, N.E.C.	164	6615
3547	Traveling Wire Electrical Discharge Machines	5	57
3549	All Other Electrical Discharge Machines	67	865
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	20	669
3559	Metal Cutting Machine Tools, NC, N.E.C.	30	2178
3565	Sawing & Cut-Off Machines, Non-NC	233	4092
3566	Broaching Machines, Non-NC	4	95
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	93	4680
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2593	20490
5000	Metal Cutting Machine Tools, Less Than $2500**	12804	6952
	TOTAL CUTTING	18039	178143
674:	METAL FORMING		
1011	Die Casting Machines & Parts	0	8540
3568	Metal Forming Machine Tools, Used Or Rebuilt	407	9424
3569	Metal Forming Machine Tools, Less Than $2500	4198	2399
3571	Punching & Shearing Machines, Incl. Combination, NC	37	4130
3573	Shearing Machines, Non-NC	35	2249
3575	Punching & Combination Punching & Shearing Machines, Non-NC	317	4968
3578	Bending, Folding, Straightening & Flattening Machines, NC	44	2535
3582	Press Brakes, Non-NC	16	351
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	8	945
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	329	10487
3588	Mechanical Presses	108	8097
3589	Hydraulic Presses, Vertical, Single Action	19	3355
3590	Hydraulic & Pneumatic Presses	375	24003
3594	Headers & Upsetters, Non-NC	39	6667
3595	Forging Machines, Non-NC, N.E.C.	119	4229
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	463	49346
	TOTAL FORMING	6514	141741
	TOTAL ALL TYPES	24553	319884

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	54
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	2	252	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	5	604	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	121	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	4	39	1	5
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	29	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	62	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	114	7456	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	143	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	6	362	0	0
3528	11	579	0	-0	1	269	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	20	0	0	1	81	0	0
3532	0	0	9	154	0	0	8	90	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	1	5
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	4	690	0	0	2	25	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	2	21	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	6	97	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	8	233	0	0	32	885	2	17
5000	0	0	288	343	0	0	78	18	21	12
CUT YTD	13	642	427	9016	1	269	149	2661	27	92
1011	0	34	0	0	0	0	0	110	0	0
3568	0	0	1	10	0	0	0	0	0	0
3569	0	0	208	48	6	6	64	43	0	0
3571	0	0	0	0	1	148	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	12
3575	0	0	0	0	0	0	0	0	4	51
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	133	0	0	1	20	3	163	0	0
3588	0	0	0	0	0	0	2	102	1	17
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	0	0	1	15	13	314	1	12
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	33
3598	0	0	12	566	0	0	17	1134	1	215
FRM YTD	3	202	221	624	9	189	99	1865	9	340
TOT YTD	16	844	648	9640	10	458	248	4526	36	432

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	312	0	0	0	0	0	0	0	0
3045	1	138	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	770	0	0	0	0	0	0
3211	1	239	0	0	0	0	1	236	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	15	70	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	45	2	304
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	150	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	2	141	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	87	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	16	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	617	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	56	0	0	0	0	1	40	0	0
3531	0	0	0	0	0	0	0	0	1	76
3532	12	124	10	115	0	0	1	95	3	46
3533	0	0	0	0	0	0	0	0	0	0
3538	2	281	1	120	2	522	0	0	1	18
3541	0	0	1	74	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	7	859	4	112	0	0	3	189	0	0
3546	1	3	0	0	0	0	0	0	1	4
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	2	68	11	103	0	0	1	20	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	2	79	0	0	0	0	0	0	0	0
4000	87	218	2	64	0	0	2	50	1	60
5000	156	97	160	60	2	2	170	21	5	8
CUT YTD	280	2631	190	1417	21	1361	184	784	15	519
1011	0	332	0	130	0	0	0	16	0	737
3568	8	48	0	0	0	0	0	0	7	17
3569	36	11	49	9	0	0	0	0	4	3
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	2	13	0	0	0	0	0	0
3575	1	25	2	41	0	0	1	165	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	8	166	2	24	0	0	10	560	1	44
3588	2	145	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	5	205	0	0	0	0	4	624
3594	3	860	0	0	0	0	1	151	1	269
3595	1	59	3	55	0	0	0	0	0	0
3598	4	1837	7	1253	0	0	0	0	6	98
FRM YTD	64	3516	70	1729	0	0	12	891	23	1792
TOT YTD	344	6147	260	3146	21	1361	196	1675	38	2311

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	15	4200	2	500
3204	0	0	2	273	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	0	0	0	0
3211	0	0	1	34	0	0	1	35	0	0
3216	0	0	0	0	0	0	1	215	0	0
3225	0	0	0	0	0	0	1	149	0	0
3245	0	0	2	133	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	2	132	0	0	0	0	0	0
3248	0	0	1	50	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	7	346	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	4	88	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	10	174	0	0	5	459	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	5	129	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	222	0	0	0	0	0	0
3503	0	0	1	121	0	0	0	0	0	0
3505	0	0	4	245	0	0	3	270	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	3	0	0	3	115	0	0
3511	0	0	0	0	0	0	3	115	0	0
3512	0	0	0	0	0	0	3	115	0	0
3515	0	0	2	9	0	0	0	0	0	0
3516	0	0	2	30	0	0	6	153	0	0
3518	0	0	16	1053	0	0	3	115	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	133	0	0	1	18	0	0
3528	9	747	5	764	0	0	2	265	0	0
3529	0	0	0	0	0	0	4	681	0	0
3531	0	0	0	0	0	0	5	37	0	0
3532	19	204	2	26	0	0	62	700	1	12
3533	0	0	0	0	0	0	1	12	0	0
3538	1	134	11	958	0	0	1	314	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	2	584	0	0	3	884	0	0
3544	0	0	1	38	0	0	7	154	0	0
3546	0	0	9	443	0	0	9	125	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	1	187	0	0	1	188	0	0	0	0
3565	0	0	2	52	0	0	7	83	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	7	5	180	0	0	2	10	0	0
4000	6	101	90	703	2	8	75	702	0	0
5000	338	125	1713	693	0	0	416	244	0	0
CUT YTD	375	1504	1900	7985	3	196	646	10516	3	512
1011	0	909	0	603	0	0	0	156	0	0
3568	0	0	9	18	0	0	31	364	0	0
3569	9	8	45	37	0	0	185	114	0	0
3571	2	178	7	600	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	69	0	0
3575	6	111	10	143	0	0	7	144	2	125
3578	0	0	0	0	0	0	6	315	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	1	27	0	0
3584	0	0	7	253	0	0	22	537	0	0
3588	0	0	9	1283	0	0	0	0	0	0
3589	0	0	1	61	0	0	3	74	0	0
3590	0	0	3	37	36	1042	8	1040	0	0
3594	1	148	0	0	0	0	14	1060	0	0
3595	0	0	3	421	0	0	0	0	0	0
3598	1	55	16	912	0	0	10	933	2	7
FRM YTD	19	1409	110	4367	36	1042	289	4834	4	132
TOT YTD	394	2913	2010	12352	39	1238	935	15351	7	644

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	315	0	0	0	0	0	0
3045	0	0	6	1510	4	422	0	0	0	0
3204	0	0	0	0	1	82	0	0	1	112
3206	0	0	1	254	1	163	0	0	0	0
3209	0	0	5	1525	0	0	0	0	0	0
3211	0	0	22	1264	7	493	1	70	0	0
3216	0	0	9	2057	5	2225	0	0	0	0
3225	0	0	2	302	5	1255	0	0	0	0
3245	0	0	1	85	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	3	445	0	0	0	0	0	0
3248	0	0	1	37	0	0	0	0	0	0
3249	0	0	7	78	2	450	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	20	990	9	655	0	0	0	0
3256	1	15	2	23	6	42	0	0	0	0
3257	0	0	1	138	5	21	1	14	0	0
3258	0	0	8	229	14	181	2	25	0	0
3264	0	0	0	0	3	374	0	0	0	0
3266	0	0	2	57	7	66	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	34	2	191	20	802	4	65	1	14
3276	0	0	1	87	0	0	0	0	0	0
3277	0	0	3	633	1	13	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	153	7	976	0	0	0	0
3503	0	0	1	176	1	251	0	0	0	0
3505	0	0	21	1997	1	72	0	0	0	0
3507	0	0	4	344	1	328	0	0	0	0
3509	0	0	3	710	0	0	0	0	0	0
3510	0	0	19	287	9	115	2	10	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	23	10	105	0	0	0	0
3516	0	0	15	489	0	0	0	0	0	0
3518	0	0	34	518	188	4095	3	67	2	150
3521	0	0	2	533	0	0	0	0	0	0
3523	0	0	0	0	1	81	0	0	0	0
3525	0	0	12	941	7	160	0	0	0	0
3528	0	0	12	2223	3	93	0	0	0	0
3529	0	0	3	596	0	0	0	0	0	0
3531	2	49	61	487	21	159	0	0	2	99
3532	0	0	15	368	10	235	0	0	5	230
3533	0	0	24	369	3	106	0	0	0	0
3538	0	0	10	3390	24	328	5	103	0	0
3541	0	0	8	409	1	23	0	0	0	0
3542	0	0	2	198	3	78	0	0	0	0
3544	0	0	9	128	8	115	0	0	0	0
3546	0	0	35	1073	22	203	6	287	0	0
3547	0	0	5	57	0	0	0	0	0	0
3549	0	0	29	55	5	19	14	62	0	0
3551	0	0	1	43	0	0	0	0	0	0
3553	0	0	0	0	10	128	0	0	0	0
3559	0	0	23	1060	2	87	0	0	0	0
3565	0	0	70	728	86	1267	0	0	0	0
3566	0	0	0	0	3	86	0	0	0	0
3567	0	0	20	635	25	323	6	220	0	0
4000	7	776	305	2768	1096	5920	64	160	0	0
5000	216	156	2913	1985	469	439	302	96	58	12
CUT YTD	227	1030	3759	32959	2106	23031	410	1179	69	616
1011	0	9	0	2454	0	1597	0	473	0	0
3568	0	0	50	383	161	1147	17	52	0	0
3569	18	5	2384	1321	341	417	48	44	7	8
3571	0	0	13	1500	1	112	0	0	0	0
3573	0	0	15	649	0	0	0	0	3	390
3575	0	0	61	844	45	756	5	49	0	0
3578	1	156	3	65	11	700	0	0	0	0
3582	0	0	12	153	2	28	0	0	0	0
3583	0	0	1	35	2	310	0	0	0	0
3584	20	549	123	3122	62	1779	2	47	1	40
3588	0	0	18	888	49	1248	1	20	0	0
3589	0	0	3	221	7	510	0	0	0	0
3590	1	421	19	4299	166	3308	1	15	0	0
3594	0	0	4	268	1	14	1	10	0	0
3595	0	0	81	849	6	414	5	34	0	0
3598	1	40	73	4306	60	2370	2	9	0	0
FRM YTD	41	1180	2860	21355	914	14709	82	753	11	437
TOT YTD	268	[illegible]	6619	54314	3020	37741	492	1931	80	1053

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	282	0	0	0	0	0	0	0	0
3045	3	1256	0	0	0	0	0	0	9	3967
3204	15	383	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	3	185	1	186
3216	1	230	0	0	0	0	0	0	1	3235
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	274
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	3	85	0	0	10	1337
3249	10	211	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	30	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	2	40
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	4	19	0	0	23	125	1	57
3264	0	0	3	96	0	0	0	0	0	0
3266	1	21	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	169	0	0	1	13	2	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	1	245
3283	1	92	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	1	389
3505	0	0	1	85	2	91	0	0	3	395
3507	0	0	0	0	0	0	0	0	2	439
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	100
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	11	3	51	0	0	12	257
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	2	701
3528	1	850	1	75	0	0	0	0	13	1294
3529	0	0	0	0	0	0	1	10	0	0
3531	1	163	0	0	0	0	0	0	1	200
3532	0	0	0	0	0	0	0	0	1	87
3533	4	547	0	0	0	0	0	0	0	0
3538	1	215	2	10	0	0	4	77	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	102	0	0	0	0	0	0	0	0
3544	7	681	0	0	0	0	0	0	3	489
3546	2	50	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	30
3551	0	0	1	99	0	0	0	0	0	0
3553	0	0	1	85	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	6	240
3566	0	0	0	0	0	0	1	9	0	0
3567	1	31	0	0	0	0	0	0	1	214
4000	2	348	23	33	36	229	51	322	209	1370
5000	55	21	19	18	295	95	73	70	430	213
CUT YTD	110	5682	56	531	340	563	158	811	715	15757
1011	0	45	0	5	0	100	0	85	0	0
3568	24	1260	2	3	8	145	2	26	37	3161
3569	0	0	18	13	33	18	293	55	0	0
3571	0	0	0	0	1	174	0	0	1	37
3573	0	0	0	0	0	0	0	0	1	17
3575	15	159	0	0	1	34	0	0	0	0
3578	0	0	0	0	10	158	0	0	8	602
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	50
3584	14	826	2	23	7	208	2	18	5	449
3588	1	349	0	0	2	366	0	0	1	150
3589	1	448	1	42	0	0	0	0	2	1978
3590	4	118	0	0	4	95	3	241	6	70
3594	2	285	1	200	1	856	0	0	0	0
3595	1	196	0	0	0	0	0	0	0	0
3598	5	798	1	78	2	140	2	55	49	11582
FRM YTD	67	4483	25	364	69	2294	302	480	112	18095
TOT YTD	177	10164	81	895	409	2858	460	1291	827	33852

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	7	169	5	1235	0	0	0	0	9	677
3045	0	0	0	0	0	0	0	0	1	178
3204	1	67	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	4	269	1	94	0	0	1	158	52	4040
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	3	138
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	7	165	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	45	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	342	3	358
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	73
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	1	596
3510	0	0	0	0	0	0	1	24	1	29
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	90	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	1	56
3518	2	48	0	0	0	0	0	0	6	262
3521	0	0	0	0	0	0	0	0	1	450
3523	0	0	0	0	0	0	0	0	0	0
3525	2	78	0	0	0	0	1	126	0	0
3528	0	0	0	0	0	0	0	0	14	1814
3529	0	0	1	25	0	0	0	0	0	0
3531	1	3	1	126	0	0	0	0	2	139
3532	5	93	1	68	0	0	0	0	3	347
3533	7	43	0	0	0	0	0	0	5	162
3538	0	0	2	46	0	0	2	48	45	1805
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	286	0	0	0	0	4	320
3544	0	0	1	200	0	0	0	0	8	1274
3546	1	4	7	98	0	0	2	5	3	138
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	14	0	0	0	0	2	258
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	20	0	0	6	371
3559	0	0	0	0	0	0	0	0	1	58
3565	3	52	1	20	2	230	3	44	19	715
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	15	3	288
4000	5	33	0	0	1	3	0	0	15	279
5000	453	112	85	56	0	0	441	169	1240	398
CUT YTD	492	1015	109	2359	4	254	460	1095	1449	15222
1011	0	161	0	60	0	0	0	0	0	43
3568	2	148	1	39	0	0	0	0	0	0
3569	7	5	2	3	0	0	0	0	43	72
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	3	43	2	31	0	0	1	35	5	381
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	74	1	37	0	0	0	0	7	156
3588	0	0	0	0	0	0	0	0	4	1216
3589	0	0	0	0	0	0	0	0	0	0
3590	2	253	2	93	0	0	3	88	39	4443
3594	0	0	0	0	0	0	1	33	7	2485
3595	0	0	0	0	0	0	0	0	1	129
3598	2	100	0	0	0	0	2	95	33	6910
FRM YTD	19	785	8	263	0	0	7	249	139	15835
TOT YTD	511	1800	117	2622	4	254	467	1344	1588	31057

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	1602	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	37	0	0	0	0	0	0	1	18
3216	0	0	0	0	0	0	0	0	0	0
3225	1	104	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	5	580	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	59	3	360
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	144	0	0	7	37	2	43	0	0
3264	3	1228	0	0	0	0	3	195	1	667
3266	0	0	0	0	0	0	0	0	1	37
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	18	671	0	0	0	0	3	229	1	15
3276	2	656	0	0	0	0	0	0	0	0
3277	2	710	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	8	521	0	0	0	0	0	0	1	185
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	1	33	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	47	3283	0	0	1	15	1	9	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	6	602	0	0	0	0	11	355	1	53
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	250	0	0
3531	4	139	0	0	0	0	1	38	6	348
3532	7	282	0	0	0	0	5	62	1	3
3533	1	82	0	0	0	0	0	0	44	171
3538	19	1170	0	0	0	0	5	514	5	413
3541	0	0	0	0	0	0	2	91	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	10	1367	0	0	0	0	26	107	3	52
3546	52	3382	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	8	0	0	0	0	0	0	1	271
3551	0	0	0	0	0	0	0	0	0	0
3553	1	60	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	3	108
3566	0	0	0	0	0	0	0	0	0	0
3567	16	2325	0	0	0	0	0	0	7	328
4000	118	1837	171	500	8	123	31	1234	14	264
5000	397	208	19	32	187	94	340	123	140	63
CUT YTD	725	21032	190	532	203	269	433	3308	233	3355
1011	0	263	0	0	0	4	0	0	0	40
3568	17	2142	0	0	1	42	15	341	0	0
3569	16	8	0	0	48	11	18	12	1	2
3571	0	0	0	0	0	0	2	505	0	0
3573	8	645	0	0	0	0	2	450	0	0
3575	15	285	0	0	0	0	3	18	7	321
3578	1	300	0	0	0	0	1	124	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	57	0	0	0	0	1	163	5	109
3588	6	1440	0	0	0	0	4	395	2	162
3589	1	21	0	0	0	0	0	0	0	0
3590	26	5527	0	0	0	0	4	78	1	158
3594	0	0	0	0	0	0	0	0	0	0
3595	15	1643	0	0	0	0	0	0	0	0
3598	141	11640	0	0	0	0	3	624	4	107
FRM YTD	248	23972	0	0	49	57	53	2710	20	898
TOT YTD	973	45003	190	532	252	325	486	6017	253	4254

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	1	42	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	3	249	0	0	3	60	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	84	1	31	2	90	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	43	0	0	0	0	0	0
3276	1	371	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	67	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	1	62	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	382	1	13	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	310	1	37	5	203	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	2	405	1	198	9	334	1	15	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	2	202	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	1	37	0	0	0	0	7	50	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	7	118	0	0	0	0
3551	8	479	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	2	598	0	0	0	0
3565	8	218	0	0	2	31	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	6	1	20	0	0	0	0
4000	58	692	15	105	36	307	5	15	0	0
5000	0	0	357	375	831	519	19	11	0	0
CUT YTD	84	2906	378	797	906	2972	33	104	0	0
1011	0	0	0	2	0	130	0	29	0	0
3568	0	0	1	5	1	12	1	8	0	0
3569	0	0	70	31	237	80	0	0	0	0
3571	0	0	4	283	4	542	0	0	0	0
3573	1	5	0	0	0	0	0	0	0	0
3575	2	39	18	549	17	211	4	52	0	0
3578	0	0	1	34	1	48	0	0	0	0
3582	2	170	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	9	268	2	64	0	0	2	20
3588	1	238	5	79	0	[illegible]	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	12	382	8	1016	0	0	0	0
3594	0	0	0	0	1	29	0	0	0	0
3595	0	0	0	0	1	101	0	0	0	0
3598	2	1204	0	0	1	50	2	316	0	0
FRM YTD	8	1655	120	1633	273	2282	7	405	2	20
TOT YTD	92	4561	498	2430	1179	5254	40	509	2	20

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	1	18
3276	0	0	0	0	0	0
3277	0	0	0	0	1	20
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	65	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	1	70
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	2	5	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	13	173	0	0
3533	0	0	0	0	0	0
3538	1	50	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	1	5
3559	0	0	0	0	0	0
3565	0	0	0	0	1	16
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	13	74	3	60
5000	1	2	100	58	17	7
CUT YTD	4	57	127	369	25	196
1011	0	14	0	0	0	0
3568	0	0	10	50	1	5
3569	0	0	8	15	0	0
3571	0	0	0	0	1	50
3573	0	0	0	0	0	0
3575	80	358	0	0	0	0
3578	0	0	0	0	1	34
3582	0	0	0	0	0	0
3583	1	28	1	495	0	0
3584	1	10	0	0	2	571
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	1	294
3598	0	0	1	4	1	1911
FRM YTD	82	410	20	564	8	2906
TOT YTD	86	467	147	933	33	3101

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	2	49	0	0	2	49
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	4	91	10	251	14	342
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	518	0	0	1	518
ICELAND	19	10	0	3	19	14
MALTA	0	0	0	0	0	0
NORWAY	199	195	19	432	218	627
PORTUGAL	2	167	12	494	14	661
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	227	1030	41	1180	268	2210
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	2	3	2	3
BARBADOS	2	5	0	0	2	5
BELIZE	200	5	0	0	200	5
BERMUDA	0	0	1	15	1	15
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	62	418	40	107	102	525
DOMINICAN REP.	46	74	29	117	75	191
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	34	137	1	22	35	159
HAITI	1	14	0	37	1	51
HONDURAS	5	26	0	4	5	30
JAMAICA	4	35	7	47	11	81
LW & WW IS.	3	21	0	0	3	21
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	2	3	0	0	2	3
PANAMA	16	351	0	333	16	684
SALVADOR	5	33	0	49	5	82
TRINIDAD	29	50	2	20	31	70
TURK ISLAND	1	7	0	0	1	7
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	410	1179	82	753	492	1931
OTHER SOUTH AMERICA						
BOLIVIA	5	12	0	0	5	12
CHILE	40	470	5	288	45	758
ECUADOR	76	197	280	115	356	312
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	4	20	0	0	4	20
PERU	30	90	15	51	45	140
SURINAM	0	0	0	0	0	0
URAGUAY	3	23	2	26	5	49
OTHER S. AM.	0	0	0	0	0	0
TOTAL	158	811	302	480	460	1291
OTHER OCEANIA						
FR. PAC. IS.	0	0	2	20	2	20
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	2	20	2	20

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	46	31	1	34	47	65
BAHRAIN	0	0	0	0	0	0
BANGALDESH	6	7	0	0	6	7
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	3	6	0	0	3	6
JORDAN	88	28	0	0	88	28
KUWAIT	36	236	1	26	37	262
LEBANON	0	0	0	0	0	0
MALAYSIA	2	6	53	923	55	929
NEPAL	0	0	0	0	0	0
OMAN	18	13	0	0	18	13
PHILIPPINES	117	300	46	75	163	375
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	62	171	19	575	81	747
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	378	797	120	1633	498	2430
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	2	75	2	2205	4	2280
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	171	1	171
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	2	18	0	0	2	18
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	2	450	2	450
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	19	80	1	5	20	85
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	1	40	1	40
TOGO	0	0	0	0	0	0
TUNISIA	0	0	1	34	1	34
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	1	20	0	0	1	20
ZIMBABWE	1	2	0	0	1	2
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	25	196	8	2906	33	3101

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3025	Gear Hobbers	48	6845
3035	Gear Shapers	20	4165
3045	Gear Cutting Machines, N.E.C.	14	1165
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	883	76833
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	142	13193
3409	Horizontal Machining Centers, ATC, NC	355	52854
3411	Machining Centers, NC, N.E.C.	280	32331
3412	Single Station and Multi-Station Transfer Machines	26	9867
3413	Way Type Machines, (Unit Heads)	3	179
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	44	11989
3419	Vertical Boring-Drilling-Milling Machines, NC	98	8520
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	78	2220
3328	Drilling Machines, NC	79	3757
3329	Drilling Machines, Multi-Spindle, Non-NC	23	1151
3334	Drilling Machines, Radial, Non-NC	98	526
3336	Drilling Machines, Upright, Single Spindle, Non-NC	19	168
3342	Drilling Machines, Non-NC, N.E.C.	276	8818
3464	Milling Machines, NC	374	17787
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	8	652
3467	Milling Machines, Knee Type, Non-NC	1717	9923
3468	Milling Machines, Bed Type, Non-NC	111	2165
3469	Milling Machines, Non-NC, N.E.C.	487	8315
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	54	1330
3481	Boring Machines, NC, N.E.C.	23	2542
3483	Boring Machines, Non-NC N.E.C.	165	5182
3504	Horizontal Lathes, Multi-Spindle, NC	43	4198
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1613	81965
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	238	22942
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	124	9893
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1540	12358
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	57	1632
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	22	4046
3515	Automatic Bar Machines, Single Spindle, Non-NC	19	840
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810
3518	Horizontal Lathes, Non-NC, N.E.C.	163	2278
3505	Vertical Lathes, Multi-Spindle, NC	66	5128
3519	Vertical Lathes, NSPF, NC	152	15056
3522	Vertical Lathes, Excl. VTL's, Non-NC	491	9799
3527	Gear Tooth Grinding & Finishing Machines	151	15595
3528	Tool & Cutter Grinding Machines, NC	17	848
3529	Tool & Cutter Grinding Machines, Non-NC	514	8882
3533	Honing & Lapping Machines	136	5981
3539	Grinding Machines, Flat Surface, NC	37	2596
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	84	1593
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1185	14687
3546	Grinding & Polishing Machines, NC, N.E.C.	95	16432
3554	External Grinding Machines, Non-NC	148	5121
3556	Internal Grinding Machines, Non-NC	6	202
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	44	4155
3559	Grinding Machines, Non-NC, N.E.C.	912	34464
3562	Traveling Wire Electrical Discharge Machines	279	19941
3564	All Other Electrical Discharge Machines	188	8474
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	47	5840
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	71	1649
3576	Metal Cutting Machines Tools, NC, N.E.C.	42	66710
3577	Sawing & Cut-Off Machines, Non-NC	2725	23439
3578	Broaching Machines, Non-NC	32	1082
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	737	24342
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2093	11521
5000	Metal Cutting Machine Tools, Less Than $2500**	553646	48947
	TOTAL CUTTING	573216	781976
674:	METAL FORMING		
1010	Die Casting Machines	221	15374
3582	Metal Forming Machine Tools, Used or Rebuilt	358	4502
3583	Metal Forming Machine Tools, Less Than $2500	13144	4445
3584	Punching and Shearing Machines, Incl. Combination, NC	194	26842
3586	Shearing Machines, Non-NC	397	8691
3587	Punching & Combination Punching & Shearing Machines, Non-NC	409	6350
3588	Bending, Folding, Straightening & Flattening Machines, NC	82	7678
3589	Press Brakes, Non-NC	409	11643
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	48	802
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	556	13044
3593	Metal Forming Machine Tools, NC, N.E.C.	62	18104
3594	Mechanical Presses, Non-NC	866	39726
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	71	1845
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	343	64197
3597	Headers & Upsetters, Non-NC	81	3207
3598	Forging Machines, Non-NC, N.E.C.	79	3901
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	683	32225
	TOTAL FORMING	18003	262592
	TOTAL ALL TYPES	591219	1044568

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

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	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	350	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	1	69	2	420	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	2	175	0	0
3411	0	0	0	0	0	0	0	0	2	350
3412	0	0	0	0	0	0	0	0	1	546
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	3	1656
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	39	0	0	6	429
3422	0	0	0	0	0	0	0	0	2	48
3423	0	0	0	0	0	0	0	0	5	1398
3328	2	10	0	0	0	0	0	0	0	0
3329	0	0	0	0	1	5	1	9	1	10
3334	0	0	0	0	0	0	0	0	1	16
3336	0	0	0	0	0	0	0	0	7	83
3342	0	0	0	0	0	0	10	379	48	1187
3464	1	20	0	0	0	0	130	3008	13	750
3466	0	0	0	0	0	0	0	0	4	497
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	5	116
3469	22	123	0	0	1	33	3	91	34	1089
3476	0	0	0	0	0	0	0	0	1	120
3477	0	0	0	0	0	0	0	0	44	363
3481	0	0	0	0	0	0	0	0	1	234
3483	0	0	0	0	3	96	0	0	67	761
3504	0	0	0	0	0	0	0	0	5	30
3506	0	0	0	0	0	0	1	85	3	33
3508	0	0	0	0	0	0	3	176	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	19	183	0	0	0	0	0	0	2	285
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	60	0	0	0	0	4	105	3	12
3505	0	0	0	0	0	0	1	437	0	0
3519	2	270	0	0	0	0	0	0	0	0
3522	87	1352	1	25	0	0	2	13	7	725
3527	0	0	0	0	0	0	0	0	9	131
3528	0	0	0	0	0	0	0	0	11	285
3529	0	0	8	153	0	0	3	40	30	354
3533	0	0	0	0	0	0	0	0	2	41
3539	1	422	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	53	633
3543	0	0	0	0	4	109	3	21	75	1716
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	16	52
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	7	198
3559	6	431	5	28	38	241	38	165	166	2658
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	326
3571	0	0	0	0	0	0	0	0	1	46
3576	0	0	0	0	0	0	0	0	1	27
3577	4	25	0	0	1	13	5	66	58	525
3578	0	0	0	0	0	0	0	0	8	481
3579	4	346	0	0	1	51	8	215	34	1196
4000	16	102	5	59	6	25	28	263	140	1246
5000	999	546	514	83	1676	119	2080	1100	2447	894
CUT YTD	1169	3958	541	1119	1732	730	2322	6346	3324	21546
1010	2	67	1	4	0	0	0	0	12	585
3582	0	0	3	43	0	0	1	15	68	467
3583	19	4	159	51	1	2	258	232	1154	409
3584	0	0	0	0	0	0	0	0	0	0
3586	1	40	48	1138	0	0	10	198	34	782
3587	0	0	0	0	1	10	1	3	11	715
3588	0	0	1	605	2	113	3	148	24	1216
3589	0	0	36	1711	0	0	5	158	12	267
3591	0	0	2	7	0	0	0	0	4	45
3592	1	99	10	249	0	0	6	326	78	1277
3593	0	0	0	0	0	0	1	38	3	90
3594	0	0	0	0	0	0	1	185	10	3559
3595	0	0	0	0	0	0	0	0	8	79
3596	0	0	0	0	0	0	4	73	13	473
3597	0	0	1	17	0	0	0	0	29	1226
3598	3	59	0	0	0	0	1	22	5	773
3599	10	810	27	1376	2	51	32	984	74	1984
FRM YTD	36	1080	288	5201	6	176	323	2383	1539	13946
TOT YTD	1205	5037	829	6320	1738	905	2645	8728	4863	35491

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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	3	122
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	2	50	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	4	1529	0	0	0	0	1	359	1	1143
3411	1	168	0	0	0	0	0	0	22	3682
3412	0	0	0	0	0	0	0	0	14	2516
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	3	1482
3422	0	0	0	0	0	0	0	0	2	33
3423	0	0	0	0	1	7	0	0	4	44
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	14	83	47	242	0	0	0	0
3336	0	0	0	0	0	0	2	9	0	0
3342	0	0	0	0	11	38	6	16	1	245
3464	0	0	0	0	0	0	1	321	2	531
3466	0	0	0	0	0	0	0	0	0	0
3467	14	58	0	0	491	3000	1	73	0	0
3468	0	0	0	0	21	301	0	0	0	0
3469	0	0	0	0	47	889	9	880	3	393
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	3	115	0	0	1	443
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	28	102	1	3	5	1324
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	1	161	1	641
3510	0	0	0	0	0	0	3	344	11	193
3512	0	0	0	0	15	546	0	0	0	0
3513	0	0	0	0	0	0	0	0	2	105
3514	0	0	0	0	0	0	0	0	5	1336
3515	0	0	0	0	7	118	0	0	7	250
3516	2	345	0	0	0	0	0	0	27	388
3518	0	0	0	0	0	0	0	0	6	171
3505	0	0	0	0	1	60	0	0	1	160
3519	0	0	0	0	0	0	5	1020	2	325
3522	0	0	0	0	5	230	1	218	9	582
3527	0	0	0	0	3	33	0	0	43	4018
3528	0	0	0	0	0	0	0	0	2	198
3529	3	31	0	0	3	233	2	15	36	504
3533	0	0	0	0	0	0	0	0	11	213
3539	0	0	0	0	1	31	0	0	10	324
3541	0	0	0	0	1	7	0	0	0	0
3543	0	0	0	0	2	57	3	43	10	545
3546	0	0	0	0	1	44	0	0	15	2910
3554	0	0	0	0	1	33	5	525	60	1759
3556	0	0	0	0	0	0	0	0	0	0
3558	11	206	0	0	0	0	3	606	5	1086
3559	28	759	0	0	9	155	13	926	68	3975
3562	0	0	0	0	0	0	0	0	33	2718
3564	0	0	0	0	8	277	0	0	14	1508
3567	0	0	0	0	0	0	0	0	2	66
3571	1	239	0	0	0	0	4	39	0	0
3576	0	0	0	0	0	0	0	0	5	347
3577	11	38	3	70	16	187	3	45	2	54
3578	0	0	0	0	0	0	0	0	0	0
3579	12	686	1	18	27	260	17	135	20	438
4000	3	11	1	4	27	214	31	143	92	1341
5000	339	358	52	87	442	169	987	783	5094	252
CUT YTD	429	4428	71	261	1220	7398	1099	6662	5654	38361
1010	0	0	0	0	0	0	0	0	8	7
3582	3	22	0	0	0	0	5	65	13	102
3583	64	23	0	0	8	7	1145	125	404	183
3584	3	429	0	0	0	0	0	0	24	4438
3586	3	55	7	105	14	106	1	304	1	21
3587	1	8	0	0	17	112	42	739	3	276
3588	0	0	0	0	0	0	0	0	6	164
3589	6	170	21	273	2	31	2	108	0	0
3591	0	0	0	0	0	0	33	673	0	0
3592	1	294	1	12	1	153	39	572	41	1240
3593	0	0	0	0	0	0	0	0	4	134
3594	0	0	0	0	0	0	1	341	2	396
3595	1	11	0	0	0	0	1	108	0	0
3596	1	37	0	0	1	222	9	1031	2	955
3597	0	0	0	0	0	0	0	0	0	0
3598	12	238	0	0	0	0	0	0	12	66
3599	4	193	0	0	21	312	3	32	25	1799
FRM YTD	99	1478	29	391	64	944	1281	4098	545	9783
TOT YTD	528	5906	100	651	1284	8342	2380	10760	6199	48144

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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	34	5729	0	0	0	0	0	0
3035	0	0	11	3046	0	0	0	0	0	0
3045	2	22	3	415	0	0	0	0	0	0
3404	33	1545	20	2068	0	0	0	0	0	0
3406	4	332	1	102	0	0	0	0	0	0
3409	21	1242	22	3586	0	0	0	0	0	0
3411	13	1222	24	10145	0	0	0	0	0	0
3412	0	0	10	6529	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	3	484	10	7214	0	0	1	25	0	0
3419	0	0	74	5332	0	0	1	18	0	0
3422	1	138	3	222	4	214	0	0	0	0
3423	10	339	2	40	0	0	1	3	0	0
3328	1	18	3	504	0	0	1	80	0	0
3329	0	0	5	409	0	0	0	0	0	0
3334	1	15	1	9	0	0	0	0	1	7
3336	0	0	10	76	0	0	0	0	0	0
3342	13	716	40	2257	1	7	29	374	2	11
3464	76	2559	17	2455	0	0	0	0	0	0
3466	0	0	2	7	0	0	0	0	0	0
3467	64	1247	2	170	0	0	0	0	0	0
3468	21	280	1	214	0	0	0	0	0	0
3469	1	5	21	678	0	0	3	1421	0	0
3476	0	0	4	1034	0	0	0	0	0	0
3477	0	0	2	38	0	0	0	0	0	0
3481	2	748	10	493	0	0	0	0	0	0
3483	3	581	23	774	1	70	17	671	0	0
3504	3	148	3	515	0	0	0	0	0	0
3506	282	2795	17	2772	0	0	3	68	0	0
3508	9	907	17	2190	0	0	0	0	0	0
3510	0	0	6	979	0	0	0	0	0	0
3512	367	3448	0	0	0	0	11	145	23	169
3513	1	10	1	73	0	0	0	0	0	0
3514	0	0	4	1854	0	0	0	0	0	0
3515	0	0	1	353	0	0	0	0	0	0
3516	5	594	0	0	0	0	8	276	0	0
3518	7	134	0	1	122	1230	2	92	0	0
3505	0	0	2	292	0	0	0	0	18	128
3519	0	0	11	3412	0	0	2	120	0	0
3522	49	596	20	1326	2	52	11	682	86	372
3527	6	333	40	10341	0	0	0	0	0	0
3528	0	0	2	127	0	0	0	0	0	0
3529	98	2195	102	2372	0	0	15	220	0	0
3533	57	526	58	4799	0	0	0	0	0	0
3539	2	330	6	513	0	0	1	89	0	0
3541	0	0	20	704	0	0	0	0	0	0
3543	170	1888	280	4122	57	510	55	304	0	0
3546	4	397	57	11066	0	0	0	0	0	0
3554	3	37	28	1654	0	0	0	0	0	0
3556	0	0	2	123	0	0	0	0	0	0
3558	7	501	7	1316	0	0	0	0	0	0
3559	117	6909	172	12485	0	0	15	200	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	4	24	6	740	0	0	0	0	3	16
3567	2	561	3	1378	0	0	0	0	0	0
3571	16	166	13	363	0	0	0	0	0	0
3576	3	100	4	712	0	0	0	0	0	0
3577	91	653	156	1793	12	48	87	1164	0	0
3578	12	414	9	84	0	0	0	0	0	0
3579	83	1893	183	8770	0	0	214	4115	0	0
4000	387	1241	204	2644	1	9	124	418	0	0
5000	3867	1290	22288	3570	14	34	3916	1755	12	23
CUT YTD	5921	39579	24077	136985	214	2174	4517	12238	145	726
1010	13	76	26	2902	0	0	105	1833	0	0
3582	68	341	59	634	0	0	44	492	0	0
3583	868	293	1855	838	0	0	579	254	0	0
3584	0	0	21	3464	0	0	0	0	0	0
3586	31	354	21	559	0	0	23	526	0	0
3587	3	263	83	2463	0	0	29	138	0	0
3588	3	156	23	3441	0	0	1	136	0	0
3589	1	8	0	0	0	0	67	1936	0	0
3591	0	0	1	12	0	0	2	12	0	0
3592	13	356	58	2797	0	0	195	3380	0	0
3593	0	0	24	973	0	0	3	251	0	0
3594	5	53	5	627	0	0	3	134	0	0
3595	1	17	28	1204	0	0	1	14	0	0
3596	29	6330	19	2631	0	0	47	690	0	0
3597	0	0	28	938	0	0	0	0	0	0
3598	8	221	25	2425	0	0	0	0	0	0
3599	27	1628	136	8718	0	0	126	5190	0	0
FRM YTD	1070	10096	2412	34626	0	0	1225	14983	0	0
TOT YTD	6991	49674	26489	171611	214	2174	5742	27221	145	726

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	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	4	619	1	25	0	0
3035	2	29	0	0	7	1090	0	0	0	0
3045	0	0	2	25	1	144	0	0	0	0
3404	0	0	0	0	736	69439	0	0	2	94
3406	0	0	0	0	98	10949	2	105	0	0
3409	0	0	0	0	265	43359	0	0	1	54
3411	5	102	0	0	154	14381	5	225	1	50
3412	0	0	0	0	1	276	0	0	0	0
3413	0	0	0	0	3	179	0	0	0	0
3417	0	0	0	0	2	632	0	0	0	0
3418	2	53	0	0	26	4115	2	99	0	0
3419	0	0	0	0	4	286	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	2	8	0	0	4	115	0	0	0	0
3328	0	0	0	0	29	1899	0	0	0	0
3329	0	0	0	0	14	715	0	0	0	0
3334	4	20	0	0	1	4	4	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	59	2662	0	0	2	40
3464	0	0	0	0	62	7035	0	0	0	0
3466	0	0	0	0	1	38	0	0	0	0
3467	0	0	0	0	1	23	0	0	80	399
3468	0	0	0	0	1	5	7	78	0	0
3469	81	349	0	0	25	1322	2	34	0	0
3476	0	0	0	0	3	742	2	116	0	0
3477	1	33	0	0	3	338	0	0	0	0
3481	0	0	0	0	7	899	0	0	0	0
3483	0	0	0	0	15	657	0	0	0	0
3504	0	0	0	0	21	3474	0	0	0	0
3506	0	0	0	0	1029	70513	94	3498	16	158
3508	0	0	0	0	194	18287	13	580	0	0
3510	0	0	0	0	103	8337	1	41	0	0
3512	12	65	0	0	13	922	245	1401	96	889
3513	0	0	0	0	11	525	4	34	0	0
3514	0	0	0	0	13	857	0	0	0	0
3515	0	0	0	0	4	119	0	0	0	0
3516	0	0	0	0	1	206	0	0	0	0
3518	4	22	0	0	7	421	1	21	0	0
3505	0	0	0	0	38	3824	0	0	1	88
3519	0	0	0	0	108	9315	11	203	0	0
3522	6	39	0	0	42	1791	21	772	0	0
3527	2	12	0	0	16	313	8	267	0	0
3528	0	0	0	0	2	239	0	0	0	0
3529	1	8	0	0	47	1202	0	0	78	1195
3533	0	0	0	0	8	403	0	0	0	0
3539	7	417	0	0	8	457	0	0	0	0
3541	0	0	0	0	7	206	0	0	0	0
3543	8	35	0	0	177	2147	2	21	1	14
3546	0	0	0	0	18	2016	0	0	0	0
3554	1	4	0	0	14	841	0	0	0	0
3556	4	79	0	0	0	0	0	0	0	0
3558	0	0	0	0	4	242	0	0	0	0
3559	6	122	0	0	69	4286	0	0	0	0
3562	0	0	0	0	245	17214	0	0	0	0
3564	0	0	0	0	97	5398	0	0	0	0
3567	0	0	1	79	32	3312	0	0	0	0
3571	0	0	0	0	14	711	0	0	0	0
3576	0	0	0	0	28	65491	0	0	0	0
3577	0	0	12	686	2104	16326	0	0	0	0
3578	0	0	0	0	3	103	0	0	0	0
3579	0	0	0	0	116	6028	0	0	2	95
4000	36	232	1	9	370	1786	3	58	0	0
5000	1817	230	2	3	28306	4880	246	255	997	573
CUT YTD	2001	1858	18	803	34795	414114	674	7856	1277	3648
1010	0	0	0	0	49	7532	1	7	0	0
3582	0	0	0	0	89	2274	1	27	0	0
3583	196	9	0	0	2194	705	3	2	17	37
3584	0	0	0	0	144	18189	0	0	0	0
3586	0	0	40	749	116	3247	0	0	38	390
3587	0	0	0	0	218	1623	0	0	0	0
3588	0	0	6	104	11	912	0	0	0	0
3589	0	0	13	337	229	6353	0	0	6	155
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	9	61	2037	0	0	0	0
3593	0	0	0	0	23	16352	0	0	0	0
3594	0	0	0	0	832	34246	0	0	1	11
3595	0	0	0	0	4	98	0	0	22	267
3596	0	0	0	0	190	51479	2	16	0	0
3597	0	0	0	0	23	1026	0	0	0	0
3598	0	0	0	0	13	97	0	0	0	0
3599	0	0	0	0	154	5998	1	11	0	0
FRM YTD	196	9	60	1199	4350	152167	8	62	84	861
TOT YTD	2197	1866	78	2002	39145	566281	682	7918	1361	4509

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	3	69	0	0	0	0
3404	90	3637	0	0	0	0
3406	37	1705	0	0	0	0
3409	38	1408	0	0	0	0
3411	52	1967	0	0	1	40
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	8	322	0	0	1	611
3422	4	46	0	0	0	0
3423	49	265	0	0	0	0
3328	38	1109	0	0	5	136
3329	1	4	0	0	0	0
3334	24	105	0	0	0	0
3336	0	0	0	0	0	0
3342	41	651	4	35	9	202
3464	71	1094	0	0	1	15
3466	1	110	0	0	0	0
3467	963	4371	0	0	101	581
3468	55	1172	0	0	0	0
3469	226	964	0	0	9	46
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	1	67	0	0	2	100
3483	0	0	0	0	2	144
3504	11	32	0	0	0	0
3506	160	1891	1	10	7	142
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	702	3953	0	0	35	352
3513	38	885	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	1	4
3505	4	139	0	0	0	0
3519	9	341	0	0	2	51
3522	131	871	0	0	11	156
3527	23	125	0	0	1	24
3528	0	0	0	0	0	0
3529	87	357	0	0	1	3
3533	0	0	0	0	0	0
3539	1	12	0	0	0	0
3541	3	43	0	0	0	0
3543	310	2793	0	0	28	362
3546	0	0	0	0	0	0
3554	18	154	0	0	2	63
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	129	952	7	36	26	139
3562	1	9	0	0	0	0
3564	56	512	0	0	0	0
3567	0	0	6	118	0	0
3571	20	79	0	0	2	8
3576	1	35	0	0	0	0
3577	158	668	0	0	2	1078
3578	0	0	0	0	0	0
3579	13	83	0	0	2	14
4000	369	1403	6	12	243	305
5000	436927	30467	33	29	40591	1447
CUT YTD	440874	64873	57	240	41085	6021
1010	2	12	0	0	2	2350
3582	2	9	0	0	2	9
3583	4023	1004	27	6	170	262
3584	0	0	0	0	2	322
3586	1	5	1	14	7	100
3587	0	0	0	0	0	0
3588	0	0	0	0	2	684
3589	4	50	0	0	5	85
3591	6	54	0	0	0	0
3592	16	137	0	0	34	107
3593	0	0	1	122	3	144
3594	1	35	0	0	5	139
3595	3	31	0	0	2	15
3596	19	207	2	19	5	33
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	10	105	1	15	30	3019
FRM YTD	4087	1648	32	176	269	7270
TOT YTD	444961	66521	89	416	41354	13291

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	52	335	0	0	52	335
EAST GERMANY	13	421	1	58	14	480
FINLAND	149	795	6	2691	155	3485
GIBRALTAR	0	0	0	0	0	0
GREECE	86	582	5	19	91	600
HUNGARY	6	110	4	108	10	219
ICELAND	0	0	0	0	0	0
IRELAND	1	7	2	689	3	696
MALTA	0	0	0	0	0	0
NORWAY	50	171	7	168	57	339
POLAND	41	383	0	0	41	383
ROMANIA	17	309	3	18	20	327
USSR	2	1078	0	0	2	1078
OTHER EUROPE	0	0	0	0	0	0
TOTAL	417	4191	28	3751	445	7942
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	1	56	1	56
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	39737	1286	171	476	39908	1763
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	1	1	0	0	1	1
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	39738	1288	172	532	39910	1820
OTHER SOUTH AMERICA						
ARGENTINA	9	182	0	0	9	182
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	1	3	0	0	1	3
URAGUAY	0	0	0	0	0	0
VENEZUELA	1	3	0	0	1	3
OTHER S. AM.	0	0	0	0	0	0
TOTAL	11	188	0	0	11	188
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	10	12	36	2709	46	2721
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	10	12	36	2709	46	2721

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	864	167	7	77	871	244
INDIA	8	41	7	5	15	46
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	2	1	2
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	1	4	0	0	1	4
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	3	32	3	32
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	20	99	0	0	20	99
TOTAL	893	310	18	116	911	426
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	7	26	0	0	7	26
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	7	3	0	0	7	3
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	1	2	15	162	16	164
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	1	3	0	0	1	3
TOTAL	16	33	15	162	31	195

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

10/16/87 A8050-3 A

REPORT

STATISTICAL
REPORT NO. 144-87
October 9, 1987

national machine tool builders association
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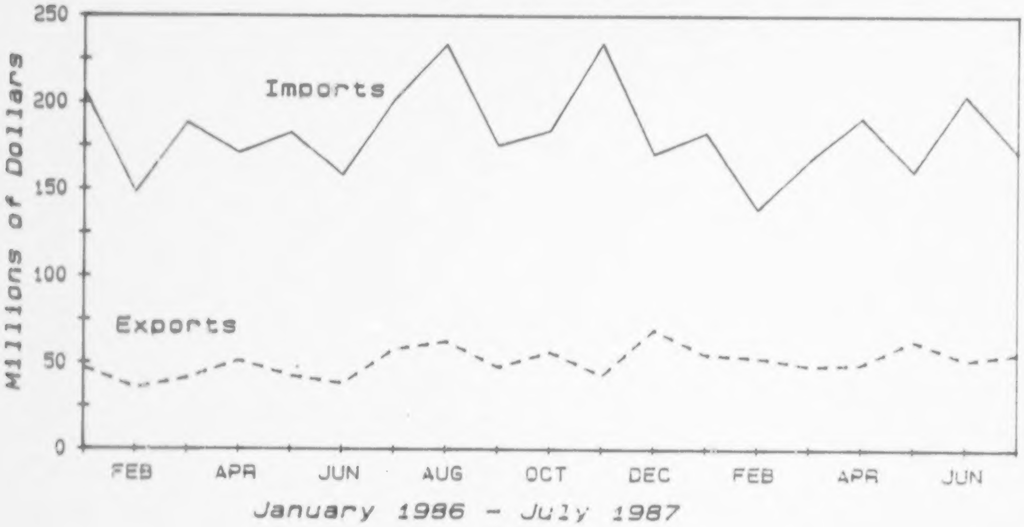
U.S. FOREIGN TRADE IN MACHINE TOOLS - JULY 1987

During July 1987, U.S. exports rose 7% from their June 1987 total while U.S. imports fell 16%. Year-to-date machine tool exports of $375.2 million rose 20% above the same period last year. Imports, at $1,215.9 million, fell 3% from the year-to-date total for 1986. These changes combined to produce a trade deficit of $840.7 million for the first seven months of 1987. This is 11% below the same period last year.

U.S. Machine Tool Trade
($Millions)

	July 1987			Seven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 37.1	$123.0	($ 85.9)	$215.2	$ 905.0	($ 689.8)
Metal Forming	$ 18.3	$ 48.4	($ 30.1)	$160.0	$ 311.0	($ 151.0)
Total	$ 55.3	$171.4	($116.1)	$375.2	$1,215.9	($ 840.7)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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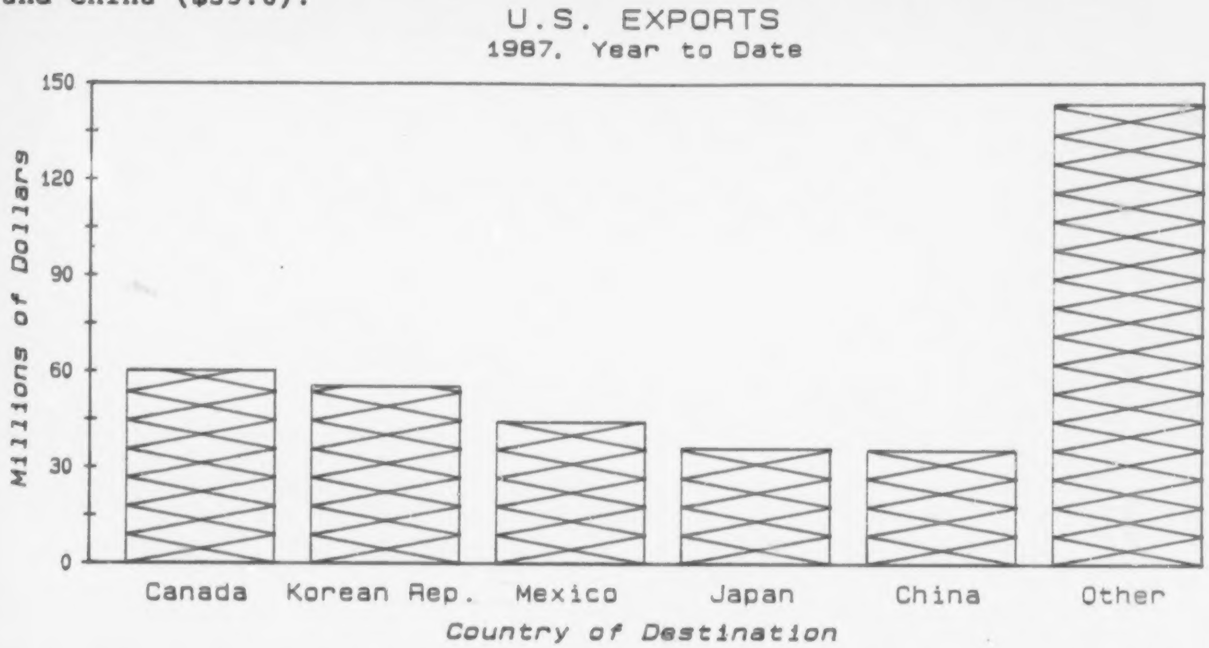
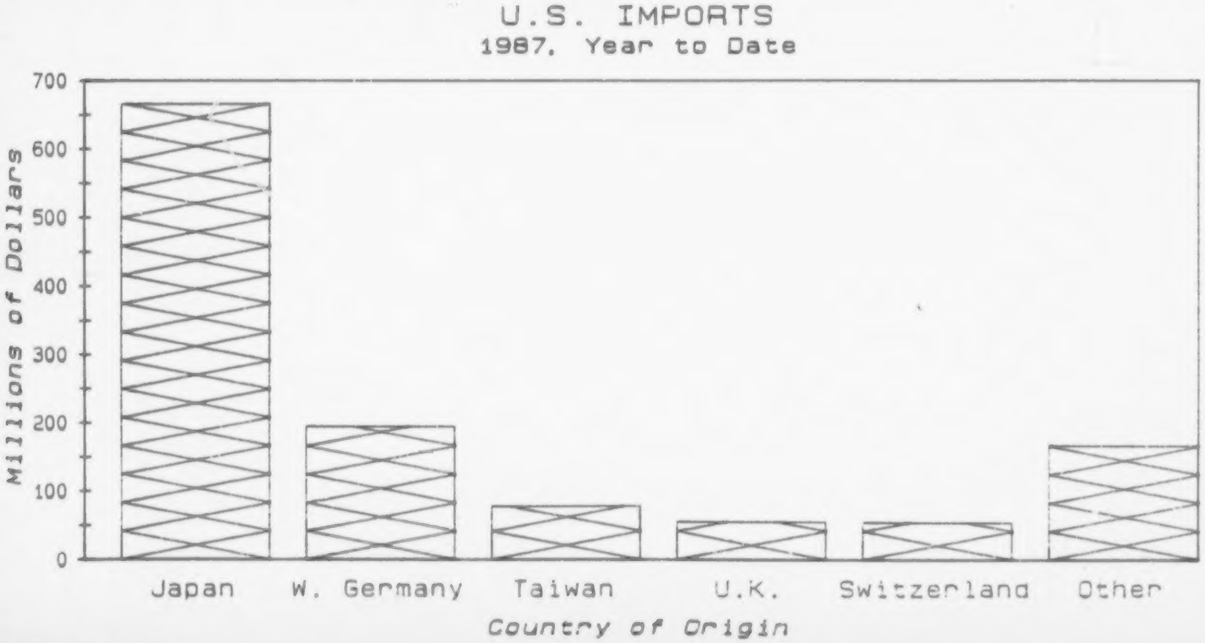
U.S. exports of metal cutting machine tools rose 26% compared to June's level while metal forming exports fell 18%. Compared to the first seven months of 1986, metal cutting exports were up 13% and exports of metal forming machinery increased 32%. For January through July 1987, the leading export markets were (in millions): Canada ($60.2), the Korean Republic ($55.4), Mexico ($44.3), Japan ($36.1) and China ($35.6).



U.S. imports of both metal cutting and metal forming machine tools decreased from last month's levels, falling 6% and 34%, respectively. Year-to-date imports of metal cutting machinery were 7% below the first seven months of 1986. Metal forming imports increased 9% from the comparable period last year. Leading exporters of machine tools to the U.S. during the first seven months of 1987 were (in millions): Japan ($665.5), West Germany ($195.1), Taiwan ($78.3), the United Kingdom ($55.4) and Switzerland ($54.4).



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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

RELEASED: OCTOBER 9, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	27	3044	0	0
3045	Gear Cutting Machines, N.E.C.	50	15774	6	2000
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	23	1211	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	14	3871	2	260
3211	Machining Centers, NC, N.E.C.	119	8985	15	1318
3216	Single Station and Multi-Station Transfer Machines	18	8382	1	420
3225	Way Type Machines (Unit Heads)	9	1809	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	901	1	288
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	896	2	182
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	28	1346	2	441
3254	Drilling Machines, NC	17	1013	5	248
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676	0	0
3256	Drilling Machines, Radial, Non-NC	39	394	4	73
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173	0	0
3258	Drilling Machines, Non-NC, N.E.C.	109	2294	21	174
3264	Milling Machines, NC	26	7147	9	3887
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	13	254	1	12
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	1	32	1	32
3269	Milling Machines, Non-NC, N.E.C.	85	2932	21	435
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	121	8831	0	0
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	28	2339	3	123
3503	Horizontal Lathes, Multi-Spindle, NC	5	1062	1	125
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	44	3848	7	485
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	9	1800	2	689
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1797	1	271
3510	Horizontal Engine & Toolroom Lathes, Non-NC	45	744	5	60
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	446	1	190
3515	Automatic Bar Machines, Single-Spindle, Non-NC	21	500	2	153
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	26	1154	2	426
3518	Horizontal Lathes, Non-NC, N.E.C.	351	10599	25	646
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	4	1069	1	86
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	799	1	40
3525	Vertical Lathes, Excl. VTLs, Non-NC	70	4586	15	663
3528	Grinding, Polishing, Honing & Lapping Machines, NC	105	15761	33	6789
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	19	2953	7	1296
3531	Tool & Cutter Grinding Machines, Non-NC	143	5248	23	2534
3532	Honing & Lapping Machines, Non-NC	207	3642	14	127
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	95	1657	6	166
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	250	16026	92	4554
3541	External Grinding Machines, Non-NC	14	798	2	202
3542	Internal Grinding Machines, Non-NC	18	2655	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	107	6651	10	888
3546	Grinding Machines, Non-NC, N.E.C.	184	7473	20	858
3547	Traveling Wire Electrical Discharge Machines	5	57	0	0
3549	All Other Electrical Discharge Machines	73	963	6	98
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	22	689	2	20
3559	Metal Cutting Machine Tools, NC, N.E.C.	33	2220	3	42
3565	Sawing & Cut-Off Machines, Non-NC	270	4496	37	403
3566	Broaching Machines, Non-NC	4	95	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	101	5438	8	758
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2901	24047	308	3557
5000	Metal Cutting Machine Tools, Less Than $2500**	15144	7998	2340	1046
	TOTAL CUTTING			3068	37073
	TOTAL CUTTING YTD	21107	215216		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	9947	0	1407
3568	Metal Forming Machine Tools, Used Or Rebuilt	439	10290	32	866
3569	Metal Forming Machine Tools, Less Than $2500	4698	2786	500	387
3571	Punching & Shearing Machines, Incl. Combination, NC	43	4689	6	559
3573	Shearing Machines, Non-NC	37	2261	2	12
3575	Punching & Combination Punching & Shearing Machines, Non-NC	336	5513	19	546
3578	Bending, Folding, Straightening & Flattening Machines, NC	48	2763	4	228
3582	Press Brakes, Non-NC	19	549	3	198
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	10	970	2	25
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	367	11767	38	1280
3588	Mechanical Presses	135	10779	27	2682
3589	Hydraulic Presses, Vertical, Single Action	24	4401	5	1046
3590	Hydraulic & Pneumatic Presses	431	27702	56	3699
3594	Headers & Upsetters, Non-NC	49	7216	10	549
3595	Forging Machines, Non-NC, N.E.C.	121	4250	2	21
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	576	54105	113	4760
	TOTAL FORMING			819	18266
	TOTAL FORMING YTD	7333	160008		
	TOTAL ALL TYPES			3887	55339
	TOTAL ALL TYPES YTD	28440	375224		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	7	485	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	21	4727	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	75
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	135	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	4	3	12	21	0	0	5	2	0	0
CUT MO.	25	4730	19	505	1	135	5	2	1	75
CUT YTD	38	5372	446	9521	2	404	154	2663	28	167
1011	0	11	0	0	0	0	0	27	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	3	2	0	0	10	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	14	1	57
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	106
3589	0	0	0	0	0	0	0	0	0	0
3590	1	18	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	28	3	2	0	0	11	48	2	163
FRM YTD	4	230	224	626	9	189	110	1913	11	503
TOT MO.	26	4758	22	507	1	135	16	49	3	238
TOT YTD	42	5601	670	10147	11	593	264	4575	39	670

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	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	2	378	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	2	9	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	21
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	3	22
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	27	0	0	0	0	0	0	0	0
3531	0	0	0	0	7	1889	0	0	0	0
3532	0	0	2	18	0	0	2	21	1	8
3533	0	0	0	0	0	0	0	0	0	0
3538	1	9	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	163	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	10	0	0	0	0	5	24	0	0
5000	100	11	11	7	0	0	111	17	0	0
CUT MO.	106	220	13	25	11	2276	118	62	5	50
CUT YTD	386	2850	203	1442	32	3637	302	846	20	569
1011	0	2	0	3	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	2	27
3588	1	20	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	334	1	73	0	0	0	0	0	0
FRM MO.	3	356	1	76	0	0	0	0	2	27
FRM YTD	67	3872	71	1805	0	0	12	891	25	1819
TOT MO.	109	576	14	101	11	2276	118	62	7	77
TOT YTD	453	6722	274	3248	32	3637	314	1736	45	2388

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	548	1	772
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	3	63	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	5	0	0	0	0	0	0
3264	0	0	0	0	0	0	6	275	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	60	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	132	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	120	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	45	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	44	0	0
3546	0	0	0	0	0	0	1	205	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	5	31	0	0	4	34	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	83	0	0	0	0	0	0
4000	0	0	15	256	0	0	0	0	0	0
5000	18	11	112	48	0	0	83	69	0	0
CUT MO.	19	70	136	543	0	0	101	1414	1	772
CUT YTD	394	1574	2036	8528	3	196	747	11930	4	1284
1011	0	18	0	10	0	0	0	10	0	0
3568	0	0	3	4	0	0	0	0	0	0
3569	0	0	0	0	0	0	64	69	0	0
3571	1	173	1	76	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	47	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	42	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	2	44	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	26	1469	0	0	0	0	0	0
3594	0	0	0	0	0	0	7	40	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	68	16	115	0	0	1	35	0	0
FRM MO.	3	260	48	1718	0	0	75	242	0	0
FRM YTD	22	1669	158	6086	36	1042	364	5076	4	132
TOT MO.	22	330	184	2262	0	0	176	1656	1	772
TOT YTD	416	3243	2194	14614	39	1238	1111	17007	8	1416

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	53	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	178	1	82	0	0	0	0
3211	0	0	1	30	0	0	0	0	0	0
3216	0	0	0	0	1	420	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	116	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	2	441	0	0	0	0
3254	0	0	1	23	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	14	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	11	50	0	0	0	0
3264	0	0	0	0	1	1672	0	0	0	0
3266	0	0	0	0	1	12	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	1	32	0	0	0	0	0	0
3269	0	0	2	12	3	90	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	25	0	0	0	0	0	0
3503	0	0	1	125	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	271	0	0	0	0
3510	0	0	3	42	0	0	1	3	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	2	426	0	0	0	0	0	0
3518	1	18	2	21	11	166	2	7	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	206	2	77	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	8	382	3	69	0	0	0	0
3532	0	0	6	53	2	10	0	0	0	0
3533	0	0	2	25	0	0	0	0	0	0
3538	0	0	0	0	2	73	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	3	46	0	0	0	0
3546	0	0	5	63	8	33	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	4	1	35	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	3	42	0	0	0	0	0	0
3565	0	0	8	93	10	69	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	7	0	0	0	0	0	0
4000	2	338	37	362	101	972	13	31	0	0
5000	39	29	387	399	46	34	33	20	0	0
CUT MO.	42	385	477	2665	212	4688	49	61	0	0
CUT YTD	269	1415	4236	35624	2318	27719	459	1240	69	616
1011	0	62	0	82	0	263	0	0	0	0
3568	0	0	2	17	14	167	0	0	0	0
3569	0	0	243	131	79	112	0	0	0	0
3571	0	0	2	155	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	11	0	0	0	0	0	0
3578	0	0	0	0	3	215	0	0	0	0
3582	0	0	1	96	1	60	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	9	20	600	8	358	0	0	0	0
3588	0	0	3	56	5	81	0	0	1	26
3589	0	0	3	210	0	0	0	0	0	0
3590	2	98	3	903	16	214	2	24	0	0
3594	0	0	0	0	1	5	0	0	0	0
3595	0	0	0	0	2	21	0	0	0	0
3598	0	0	14	929	21	412	0	0	0	0
FRM MO.	3	168	293	3192	150	1908	2	24	1	26
FRM YTD	44	1349	3153	24547	1064	16617	84	776	12	463
TOT MO.	45	553	770	5857	362	6596	51	85	1	26
TOT YTD	313	2763	7389	60171	3382	44336	543	2016	81	1079

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	250
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	288
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	1	66	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	5	78	2	20	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	13	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	73	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	2	689
3509	0	0	0	0	0	0	0	0	0	0
3510	1	16	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	24	2	9	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	40	0	0	0	0	0	0
3525	0	0	3	107	0	0	0	0	0	0
3528	6	553	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	421	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	177
3546	1	123	0	0	0	0	0	0	1	231
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	2	20	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	4	168	13	112	0	0	5	104
5000	8	3	6	13	9	20	40	12	0	0
CUT MO.	23	1266	18	372	27	227	41	25	11	1738
CUT YTD	133	6947	74	903	367	790	199	836	726	17495
1011	0	0	0	0	0	0	0	3	0	0
3568	1	54	0	0	7	49	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	1	15
3578	0	0	0	0	0	0	1	13	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	131	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	194	1	64	0	0	1	34
3594	1	247	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	5	432	1	194	8	112	1	15	2	49
FRM YTD	72	4915	26	558	77	2407	303	495	114	18144
TOT MO.	28	1698	19	566	35	339	42	40	13	1787
TOT YTD	205	11862	100	1461	444	3196	502	1331	840	35639

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	12	872
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	50	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	9
3264	0	0	0	0	1	87	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	11	243	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	1	190	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	3	924
3529	0	0	0	0	0	0	0	0	6	1270
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	41	654
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	221
3546	0	0	0	0	0	0	0	0	2	7
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	4	123
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	1	60
5000	142	14	0	0	0	0	3	2	968	169
CUT MO.	142	14	0	0	13	379	4	192	1039	4308
CUT YTD	634	1029	109	2359	17	632	464	1287	2488	19531
1011	0	0	0	6	0	0	0	0	0	2
3568	0	0	0	0	0	0	0	0	0	0
3569	4	2	0	0	0	0	0	0	23	21
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	25
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	1	437	0	0	3	83
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	14	1	552
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	36
FRM MO.	4	2	0	6	1	437	1	14	30	719
FRM YTD	23	786	8	269	1	437	8	263	169	16554
TOT MO.	146	16	0	6	14	815	5	206	1069	5027
TOT YTD	657	1816	117	2828	18	1069	472	1550	2657	36084

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	320	0	0	0	0	0	0	1	96
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	3	18	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	379	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	17	0	0	0	0	0	0	0	0
3528	1	281	0	0	0	0	0	0	1	259
3529	0	0	0	0	0	0	0	0	0	0
3531	5	194	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	4	141
3538	46	3231	0	0	0	0	0	0	0	0
3541	1	190	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	163	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	3	1	193
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	16	1	27
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	15	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	410	0	0	0	0	0	0	2	123
4000	0	0	37	250	0	0	4	390	2	197
5000	55	19	0	0	13	21	2	4	7	2
CUT MO.	119	5223	38	265	13	21	8	413	19	1040
CUT YTD	844	26254	228	797	216	290	441	3721	252	4395
1011	0	90	0	0	0	0	0	157	0	573
3568	4	554	0	0	0	0	1	20	0	0
3569	4	2	0	0	3	3	32	10	1	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	16	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	21	0	0
3588	3	1414	5	50	0	0	2	367	0	0
3589	2	836	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	257	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	39	2045	0	0	0	0	0	0	0	0
FRM MO.	54	5213	5	50	3	3	36	575	1	575
FRM YTD	302	29184	5	50	52	59	89	3284	21	1473
TOT MO.	173	10435	43	315	16	24	44	988	20	1615
TOT YTD	1146	55439	233	847	268	349	530	7005	273	5868

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	163	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	12	0	0	0	0	0	0	0	0
3264	1	1853	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	1	86	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	5	137	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	1	18	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	167	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	16	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	4	1	11	3	23	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	67	283	0	0	0	0	0	0	0	0
5000	3	4	5	5	89	41	2	3	1	2
CUT MO.	75	2485	6	17	100	321	2	3	1	2
CUT YTD	159	5391	384	813	1006	3293	35	107	1	2
1011	0	0	0	32	0	34	0	22	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	17	9	12	12	2	2	0	0	0	0
3571	0	0	2	154	0	0	0	0	0	0
3573	2	12	0	0	0	0	0	0	0	0
3575	2	198	4	161	4	22	1	5	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	8	1	56	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	116	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	514	0	0	0	0	0	0	0	0
FRM MO.	23	740	19	415	7	174	1	27	0	0
FRM YTD	31	2395	139	2048	280	2457	8	432	2	20
TOT MO.	98	3225	25	432	107	495	3	29	1	2
TOT YTD	190	7786	523	2861	1286	5749	43	539	3	22

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	EGYPT		REP S. AFR		OTH. AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	1	25
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	1	12	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	2	2	18	32	6	10
CUT MO.	3	15	18	32	7	35
CUT YTD	7	72	145	401	32	231
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	3	4	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3586	0	0	0	0	1	71
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	15	199	0	0
FRM MO.	0	0	18	203	1	71
FRM YTD	82	410	38	767	9	2977
TOT MO.	3	15	36	236	8	106
TOT YTD	89	482	183	1169	41	3208

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	2	338	0	62	2	400
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	2	98	2	98
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	1	9	1	9
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	3	5	0	0	3	5
MALTA	0	0	0	0	0	0
NORWAY	37	42	0	0	37	42
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	42	385	3	168	45	553
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	14	6	0	0	14	6
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	12	15	0	0	12	15
HAITI	0	0	0	0	0	0
HONDURAS	10	15	2	24	12	39
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	12	21	0	0	12	21
SALVADOR	1	3	0	0	1	3
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	49	61	2	24	51	85
OTHER SOUTH AMERICA						
BOLIVIA	2	4	0	0	2	4
CHILE	36	6	1	13	37	18
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	2	3	0	3	2	5
SURINAM	0	0	0	0	0	0
URAGUAY	1	13	0	0	1	13
OTHER S. AM.	0	0	0	0	0	0
TOTAL	41	25	1	15	42	40
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	2	0	0	1	2
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	2	0	0	1	2

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	5	5	0	0	5	5
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	3	2	3	2
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	11	183	11	183
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	3	53	3	53
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	1	11	2	178	3	189
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	6	17	19	415	25	432

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	71	1	71
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	1	25	0	0	1	25
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	6	10	0	0	6	10
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	7	35	1	71	8	106

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

RELEASED: OCTOBER 9, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	52	7877	4	1032
3035	Gear Shapers	23	5151	3	986
3045	Gear Cutting Machines, N.E.C.	16	1206	2	41
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1027	88683	144	11850
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	168	15345	26	2152
3409	Horizontal Machining Centers, ATC, NC	424	65040	69	12186
3411	Machining Centers, NC, N.E.C.	329	37816	49	5485
3412	Single Station and Multi-Station Transfer Machines	40	10895	14	1028
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	45	12361	1	371
3419	Vertical Boring-Drilling-Milling Machines, NC	118	9803	20	1283
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	97	4246	19	2027
3328	Drilling Machines, NC	98	5207	19	1450
3329	Drilling Machines, Multi-Spindle, Non-NC	36	1427	13	276
3334	Drilling Machines, Radial, Non-NC	116	675	18	149
3336	Drilling Machines, Upright, Single Spindle, Non-NC	30	229	11	61
3342	Drilling Machines, Non-NC, N.E.C.	416	11851	140	3033
3464	Milling Machines, NC	418	21144	44	3357
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	10	666	2	14
3467	Milling Machines, Knee Type, Non-NC	2007	11575	290	1652
3468	Milling Machines, Bed Type, Non-NC	146	2602	35	438
3469	Milling Machines, Non-NC, N.E.C.	633	9676	146	1360
3476	Vertical Boring Machines, Incl. VTL's, NC	19	3326	9	1315
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	62	1706	8	376
3481	Boring Machines, NC, N.E.C.	25	2680	2	138
3483	Boring Machines, Non-NC N.E.C.	189	5450	24	268
3504	Horizontal Lathes, Multi-Spindle, NC	57	5706	14	1508
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1940	100900	327	18935
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	268	25273	30	2331
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	148	12113	24	2220
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1861	14757	321	2399
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	67	2088	10	456
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	29	4364	7	317
3515	Automatic Bar Machines, Single Spindle, Non-NC	41	1963	22	1123
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	165	2313	2	35
3505	Vertical Lathes, Multi-Spindle, NC	69	5375	3	247
3519	Vertical Lathes, NSPF, NC	170	16877	18	1821
3522	Vertical Lathes, Excl. VTL's, Non-NC	566	11793	75	1995
3527	Gear Tooth Grinding & Finishing Machines	182	17914	31	2319
3528	Tool & Cutter Grinding Machines, NC	19	892	2	44
3529	Tool & Cutter Grinding Machines, Non-NC	636	10233	122	1351
3533	Honing & Lapping Machines	150	6952	14	971
3539	Grinding Machines, Flat Surface, NC	39	2953	2	357
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	104	1853	20	259
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1331	16108	146	1422
3546	Grinding & Polishing Machines, NC, N.E.C.	100	18855	5	2423
3554	External Grinding Machines, Non-NC	159	5664	11	543
3556	Internal Grinding Machines, Non-NC	9	699	3	497
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	54	5201	10	1046
3559	Grinding Machines, Non-NC, N.E.C.	1017	36994	105	2530
3562	Traveling Wire Electrical Discharge Machines	337	23456	58	3515
3564	All Other Electrical Discharge Machines	250	10674	62	2200
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	56	7505	9	1665
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	87	1753	16	103
3576	Metal Cutting Machines Tools, NC, N.E.C.	58	67496	16	786
3577	Sawing & Cut-Off Machines, Non-NC	2852	24853	127	1414
3578	Broaching Machines, Non-NC	33	1195	1	113
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	832	27303	95	2961
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2379	13318	286	1798
5000	Metal Cutting Machine Tools, Less Than $2500**	673795	57913	120149	8966
	TOTAL CUTTING			123255	123008
	TOTAL CUTTING YTD	696471	904984		
674: METAL FORMING					
1010	Die Casting Machines	243	16075	22	701
3582	Metal Forming Machine Tools, Used or Rebuilt	395	5055	37	553
3583	Metal Forming Machine Tools, Less Than $2500	15308	5292	2164	846
3584	Punching and Shearing Machines, Incl. Combination, NC	223	30267	29	3425
3586	Shearing Machines, Non-NC	464	10766	67	2075
3587	Punching & Combination Punching & Shearing Machines, Non-NC	438	6949	29	599
3588	Bending, Folding, Straightening & Flattening Machines, NC	100	8965	18	1287
3589	Press Brakes, Non-NC	471	12523	62	881
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	53	889	5	87
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	661	16415	105	3372
3593	Metal Forming Machine Tools, NC, N.E.C.	88	20158	26	2054
3594	Mechanical Presses, Non-NC	912	53669	46	13943
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	87	2129	16	284
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	362	76881	19	12685
3597	Headers & Upsetters, Non-NC	92	4330	11	1123
3598	Forging Machines, Non-NC, N.E.C.	93	4078	14	177
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	808	36498	125	4273
	TOTAL FORMING			2795	48367
	TOTAL FORMING YTD	20798	310959		
	TOTAL ALL TYPES			126050	171375
	TOTAL ALL TYPES YTD	717269	1215943		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 2326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	25
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	10	1202
3412	0	0	0	0	0	0	1	105	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	157
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	2	775
3328	0	0	0	0	0	0	0	0	3	868
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	7	0	0	1	43	51	672	9	920
3464	0	0	0	0	0	0	9	1296	2	545
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	26	158	0	0	0	0	3	11	1	17
3476	0	0	0	0	0	0	1	505	0	0
3477	0	0	0	0	0	0	0	0	3	221
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	3	20
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	1	353
3522	3	398	0	0	0	0	0	0	3	463
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	44
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	14	166
3543	0	0	0	0	0	0	0	0	11	170
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	16	71	0	0	7	29	0	0	28	406
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	2	45	14	106
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	5	222
4000	1	2	5	30	0	0	0	0	13	166
5000	106	170	99	36	41	49	1431	425	645	163
CUT MO.	154	805	104	66	49	121	1498	3059	772	7008
CUT YTD	1323	4762	645	1185	1781	851	3820	9404	4096	28554
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	5
3583	4	5	85	53	0	0	98	31	9	8
3584	0	0	0	0	0	0	0	0	5	94
3586	0	0	10	281	1	30	5	88	2	16
3587	0	0	4	68	3	9	0	0	6	71
3588	0	0	1	108	0	0	0	0	0	0
3589	0	0	4	85	0	0	0	0	3	28
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	5	16	0	0	0	0	16	779
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	2	5
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	2	16
3597	0	0	0	0	0	0	0	0	1	66
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	16	0	0	19	453
FRM MO.	4	5	109	610	5	55	103	119	66	1540
FRM YTD	40	1085	397	5811	11	231	426	2501	1605	15486
TOT MO.	158	810	213	676	54	177	1601	3178	838	8549
TOT YTD	1363	5847	1042	6996	1792	1082	4246	11906	5701	44040

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	1	40	1	963
3412	0	0	0	0	0	0	0	0	3	373
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	1	38	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	8	79	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	26	85	0	0	1	63
3464	0	0	0	0	0	0	0	0	1	136
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	100	513	0	0	0	0
3468	0	0	0	0	0	0	1	130	0	0
3469	0	0	0	0	17	104	0	0	37	205
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	1	117
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	103	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	19	1025
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	35
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	2	79	1	134	1	136
3527	0	0	0	0	0	0	1	331	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	6	123
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	166	0	0	0	0	0	0	1	84
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	3	279	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	52	0	0	0	0	0	0	0	0
3559	5	143	0	0	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	9	744
3564	0	0	0	0	1	98	0	0	5	434
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	8	26	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	2	29	0	0
4000	3	7	0	0	1	19	0	0	6	22
5000	129	205	0	0	0	0	9	10	180	17
CUT MO.	149	598	0	0	157	1118	18	952	273	4477
CUT YTD	578	5027	71	261	1377	8516	1117	7613	5927	42838
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	1	1	39
3583	14	23	0	0	0	0	177	29	0	0
3584	1	208	0	0	0	0	0	0	2	118
3586	0	0	1	19	1	8	0	0	0	0
3587	0	0	1	14	0	0	3	34	0	0
3588	0	0	0	0	0	0	2	40	3	84
3589	0	0	5	58	0	0	0	0	0	0
3591	0	0	0	0	0	0	4	80	0	0
3592	0	0	2	28	0	0	10	480	4	1157
3593	0	0	0	0	0	0	0	0	1	133
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	3	19
3596	1	203	0	0	0	0	0	0	1	4
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	4	16	0	0	5	262
FRM MO.	16	434	9	119	5	24	197	663	20	1814
FRM YTD	115	1912	38	510	69	968	1478	4762	565	11597
TOT MO.	165	1032	9	119	162	1142	215	1615	293	6291
TOT YTD	693	6939	109	771	1446	9484	2595	12375	6492	54435

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	4	1032	0	0	0	0	0	0
3035	0	0	3	986	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	6	274	1	67	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	3	346	11	1111	0	0	1	124	0	0
3412	0	0	10	550	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	12	782	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	1	6	4	878	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	2	13
3336	0	0	5	35	0	0	0	0	0	0
3342	7	58	5	536	0	0	4	20	0	0
3464	12	330	1	187	0	0	0	0	0	0
3466	0	0	2	14	0	0	0	0	0	0
3467	33	415	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	1	51	3	251	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	1	4	0	0	0	0	0	0	0	0
3481	0	0	1	79	0	0	0	0	0	0
3483	0	0	17	175	0	0	3	43	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	2	15	3	565	0	0	0	0	0	0
3508	0	0	1	168	0	0	0	0	1	15
3510	0	0	2	792	0	0	0	0	0	0
3512	66	601	0	0	42	401	2	15	1	16
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	3	109	3	180	42	274	0	0	2	19
3527	1	5	4	1757	0	0	1	55	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	10	83	79	917	0	0	3	23	0	0
3533	11	41	1	693	0	0	0	0	0	0
3539	0	0	1	272	0	0	0	0	0	0
3541	0	0	3	29	0	0	0	0	0	0
3543	0	0	8	83	12	110	8	24	0	0
3546	1	582	4	1842	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	12	3	970	0	0	0	0	0	0
3559	8	581	5	241	0	0	2	6	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	31	958	0	0	0	0	0	0
3567	2	525	0	0	0	0	0	0	0	0
3571	3	57	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	22	179	12	315	0	0	1	13	0	0
3578	1	113	0	0	0	0	0	0	0	0
3579	12	58	30	1175	0	0	24	489	0	0
4000	32	312	148	816	1	7	15	96	0	0
5000	320	230	23120	508	0	0	160	143	0	0
CUT MO.	561	4986	23537	18965	97	793	224	1051	6	64
CUT YTD	6482	44564	47614	155950	311	2967	4741	13289	151	790
1010	0	0	4	92	0	0	6	192	0	0
3582	5	12	0	0	0	0	21	301	0	0
3583	5	4	589	211	0	0	13	10	0	0
3584	0	0	0	0	0	0	0	0	0	0
3586	9	160	1	3	0	0	7	105	0	0
3587	0	0	8	98	0	0	0	0	0	0
3588	1	237	1	35	0	0	0	0	0	0
3589	2	17	0	0	0	0	6	134	0	0
3591	0	0	0	0	0	0	1	8	0	0
3592	0	0	6	237	0	0	42	344	0	0
3593	0	0	1	1050	0	0	0	0	0	0
3594	1	22	0	0	0	0	1	[illegible]	0	0
3595	5	110	2	77	0	0	1	35	0	0
3596	4	61	4	246	0	0	1	11	1	15
3597	0	0	3	476	0	0	1	199	0	0
3598	0	0	9	119	0	0	5	58	0	0
3599	7	84	15	1834	0	0	22	562	0	0
FRM MO.	39	706	643	4478	0	0	127	1963	1	15
FRM YTD	1109	10802	3055	39103	0	0	1352	16946	1	15
TOT MO.	600	5692	24180	23442	97	793	351	3014	7	79
TOT YTD	7591	55366	50669	195053	311	2967	6093	30235	152	804

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	16	0	0	0	0	0	0
3404	0	0	0	0	137	11509	0	0	0	0
3406	0	0	0	0	21	1846	0	0	0	0
3409	0	0	0	0	69	12186	0	0	0	0
3411	0	0	0	0	19	1526	3	174	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	371	0	0	0	0
3419	0	0	0	0	1	115	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	11	422	0	0	0	0
3329	0	0	0	0	13	276	0	0	0	0
3334	0	0	0	0	0	0	1	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	17	396	0	0	0	0
3464	0	0	1	12	5	294	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	3	53	0	0	20	100
3468	0	0	0	0	0	0	0	0	0	0
3469	20	88	0	0	7	246	0	0	0	0
3476	0	0	0	0	7	767	0	0	0	0
3477	0	0	0	0	4	152	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	31	0	0	0	0
3504	0	0	0	0	13	1391	0	0	0	0
3506	0	0	0	0	287	17118	19	812	7	63
3508	0	0	0	0	28	2148	0	0	0	0
3510	0	0	0	0	22	1428	0	0	0	0
3512	0	0	0	0	0	0	18	56	22	190
3513	0	0	0	0	8	444	0	0	0	0
3514	0	0	0	0	7	317	0	0	0	0
3515	0	0	0	0	3	98	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	2	206	0	0	0	0
3519	0	0	0	0	15	1416	0	0	0	0
3522	0	0	0	0	2	107	11	83	0	0
3527	0	0	0	0	11	88	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	6	89	0	0	0	0
3533	0	0	0	0	2	236	0	0	0	0
3539	0	0	0	0	1	85	0	0	0	0
3541	0	0	0	0	3	64	0	0	0	0
3543	0	0	2	10	44	372	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	6	255	0	0	0	0
3556	1	6	0	0	1	274	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	9	966	0	0	0	0
3562	1	18	0	0	31	2642	0	0	0	0
3564	0	0	0	0	9	561	0	0	0	0
3567	0	0	0	0	7	1140	0	0	0	0
3571	0	0	0	0	1	15	0	0	0	0
3576	0	0	0	0	16	786	0	0	0	0
3577	0	0	1	43	23	487	1	10	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	21	984	0	0	0	0
4000	0	0	0	0	11	163	0	0	0	0
5000	418	78	0	0	5772	777	159	29	4	2
CUT MO.	440	189	5	80	6677	64843	212	1187	53	355
CUT YTD	2441	2047	23	883	41472	478957	886	9043	1330	4003
1010	0	0	0	0	11	410	0	0	0	0
3582	0	0	0	0	6	189	0	0	0	0
3583	0	0	0	0	226	190	0	0	0	0
3584	0	0	0	0	19	2713	0	0	0	0
3586	0	0	6	103	21	1220	0	0	0	0
3587	0	0	0	0	4	305	0	0	0	0
3588	0	0	0	0	9	761	0	0	0	0
3589	0	0	2	63	38	478	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	7	254	0	0	0	0
3593	0	0	0	0	20	789	0	0	0	0
3594	0	0	0	0	38	13850	0	0	0	0
3595	0	0	0	0	1	3	0	0	0	0
3596	0	0	0	0	3	11834	0	0	0	0
3597	0	0	0	0	6	383	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	45	995	0	0	0	0
FRM MO	0	0	8	166	454	34373	0	0	0	0
FRM YTD	196	9	68	1365	4804	186540	8	62	84	861
TOT MO.	440	189	13	246	7131	99216	212	1187	53	355
TOT YTD	2637	2055	91	2248	46276	665497	894	9105	1414	4864

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	0	0	0	0	0	0
3406	5	306	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	5	229	0	0	0	0
3422	0	0	0	0	0	0
3423	12	368	0	0	0	0
3328	4	122	0	0	0	0
3329	0	0	0	0	0	0
3334	6	22	0	0	1	9
3336	6	26	0	0	0	0
3342	16	221	0	0	1	10
3464	12	544	0	0	1	13
3466	0	0	0	0	0	0
3467	134	572	0	0	0	0
3468	34	308	0	0	0	0
3469	30	226	0	0	1	3
3476	1	43	0	0	0	0
3477	0	0	0	0	0	0
3481	1	59	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	9	362	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	129	731	0	0	40	286
3513	2	12	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	1	41	0	0	0	0
3519	1	40	1	13	0	0
3522	2	11	0	0	0	0
3527	13	83	0	0	0	0
3528	0	0	0	0	0	0
3529	18	116	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	58	390	0	0	1	14
3546	0	0	0	0	0	0
3554	2	10	0	0	0	0
3556	0	0	0	0	1	218
3558	1	13	0	0	0	0
3559	17	67	0	0	8	20
3562	0	0	17	112	0	0
3564	16	149	0	0	0	0
3567	0	0	0	0	0	0
3571	12	31	0	0	0	0
3576	0	0	0	0	0	0
3577	42	183	0	0	1	8
3578	0	0	0	0	0	0
3579	0	0	0	0	1	4
4000	47	153	0	0	3	6
5000	81099	5925	0	0	6457	201
CUT MO.	81735	11363	18	125	6516	792
CUT YTD	522609	76236	75	365	47601	6812
1010	1	8	0	0	0	0
3582	0	0	0	0	2	6
3583	859	200	0	0	85	83
3584	0	0	0	0	2	293
3586	0	0	0	0	3	41
3587	0	0	0	0	0	0
3588	0	0	0	0	1	22
3589	2	17	0	0	0	0
3591	0	0	0	0	0	0
3592	11	29	0	0	2	49
3593	0	0	4	82	0	0
3594	3	57	0	0	1	3
3595	4	41	0	0	0	0
3596	0	0	0	0	2	296
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	3	17	0	0	4	35
FRM MO.	883	369	4	82	102	827
FRM YTD	4970	2016	36	258	371	8097
TOT MO.	82618	11732	22	207	6618	1619
TOT YTD	527579	78252	111	623	47972	14910

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	4	46	0	0	4	46
EAST GERMANY	1	218	0	0	1	218
FINLAND	0	0	4	589	4	589
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	2	3	0	0	2	3
POLAND	40	286	0	0	40	286
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	47	554	4	589	51	1142

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	6466	223	57	199	6523	423
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	6466	223	57	199	6523	423

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	1	3	37	5	38	8
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	3	37	5	38	8

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	2	12	0	0	2	12
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	2	12	0	0	2	12
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	4	35	4	35
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	4	35	4	35

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.